ACCESS SERVICE

6. Switched Access Service

6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point electrical communications path between a customer's premises and an end user's premises. It provides for the use of common terminating, switching and trunking facilities, and for the use of common subscriber plant of the Telephone Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer's premises, and to terminate calls from a customer designated premises to an end user's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in 6.1.1 and 6.1.2 following.

Rates and charges for Switched Access Service depend generally on the specific Feature Group ordered by the customer, e.g., for MTS or WATS services or MTS-WATS equivalent services, and whether it is provided in a Telephone Company end office that is equipped to provide equal or non-equal access. Rates and charges for Switched Access Service are set forth in 6.8 following. The application of rates for Switched Access Service is described in 6.7 following. Rates and charges for services other than Switched Access Service, e.g., a customer's interLATA toll message service, may also be applicable when Switched Access Service is used in conjunction with these other services. Descriptions of such applicability are provided in 6.2.1(A)(7), 6.2.1(B)(3), 6.2.2(A)(5), 6.2.2(B)(4), 6.2.3(A)(5), 6.2.4(A)(4), 6.7.9 and 6.7.11 following. Finally, a credit is (T) applied against line side Switched Access Service charges as described in 6.7.10 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Feature Group Arrangements and Manner of Provision

Switched Access Service is provided in four service categories of standard and optional features called Feature Groups. These are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company entry switch, and the manner in which an end user accesses them in originating calling, e.g., with or without an access code. Following is a brief description of each Feature Group arrangement.

(A) Feature Group A (FGA)

FGA Access, which is available to all customers, provides lines side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer-provided interstate communications capability. The customer must specify the Interexchange Carrier to which the FGA service is connected or, in the alternative, specify the means by which the FGA access communications are transported to another state. Special Access Services utilized for connection with FGA at Telephone Company designated WATS Serving Offices as set forth in 7. following may be ordered separately by a customer other than the customer which orders the FGA Switched Access Service for the provision of WATS-type services. Special Access Services are ordered as set forth in 5.2 preceding. A more detailed description of FGA Access is provided in 6.2.1 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

(B) Feature Group B (FGB)

FGB Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 950-10XX access code for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the FGB service is connected or, in the alternative, specify the means by which the FGB access communications is transported to another state. Special Access Services utilized for connection with FGB at Telephone Company designated WATS Serving Offices as set forth in 7. following may be ordered separately by a customer other than the customer which orders the FGB Switched Access Service for the provision of WATS-type services. Special Access Services are ordered as set forth in 5.2 preceding. A more detailed description of FGB Access is provided in 6.2.2 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

(C) Feature Group C (FGC)

FGC Access provides trunk side access to Telephone Company end office switches for the customer's use in originating and terminating communications. Originating and terminating FGC Access is available to providers of MTS and WATS. Originating FGC Access is available to all customers when used to provide 500 and 900 NXX Access Service from end offices not equipped with equal access capabilities. Terminating FGC access is available to all customers other than providers of MTS and WATS when such access is used in conjunction with the provision of 500 and 900 NXX Access Service, but only for purposes of testing. This service is available in all end offices which are not equipped for Feature Group D End Office Switching.

Special Access Services utilized for connection with FGC at Telephone Company designated WATS Serving Offices as set forth in 7. following may be ordered separately by a customer other than the customer which orders the FGC Switched Access Service (i.e., a provider of MTS and WATS) for the provision of WATS Services. Special Access Services are ordered as set forth in 5.2 preceding. A more detailed description of FGC Access is provided in 6.2.3 following.

Operator Transfer Services will be provided over FGC switched access service trunks from the operator service location to the customer's premises. Where required by technical limitations, a separate FGC trunk group will be established for Operator Transfer Service. The operator service location will provide trunk answer and disconnect supervisory signaling to the customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

(D) Feature Group D (FGD)

FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 101XXXX access code for the customer's use in originating and terminating communications. Special Access Services utilized for connection with FGD at Telephone Company designated WATS Serving offices as set forth in 7. following may be ordered separately by a customer other than the customer which orders the FGD Switched Access Service for the provision of WATS or WATS-type services. Special Access Services are ordered as set forth in 5.2 preceding. A more detailed description of FGD Access is provided in 6.2.4 following. (C)

Operator Transfer Services will be provided over FGD switched access service trunks from the operator service location to the customer's premises. Where required by technical limitations, a separate FGD trunk group will be established for Operator Transfer Service. The operator service location will provide trunk answer and disconnect supervisory signaling to the customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

(E) Manner of Provision

Switched Access is furnished in either quantities of lines or trunks, or in busy hour minutes of capacity (BHMCs). FGA Access and FGB Access are furnished on a per-line or per-trunk basis respectively. FGC Access and FGD Access are furnished on a BHMC basis and on a per trunk basis as set forth in 5.2 preceding.

BHMCs are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic among BHMC types is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are three major BHMC categories identified as: Originating, Terminating and Directory Assistance. Originating BHMCs represent access capacity within a LATA for carrying traffic from the end user to the customer; Terminating BHMCs represent access capacity within a LATA for carrying traffic from the customer to the end user; and, Directory Assistance BHMCs represent access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for FGC Access or FGD Access, the customer must at a minimum specify such access capacity in terms of Originating BHMCs and/or Terminating BHMCs. Directory Assistance BHMCs are used for ordering Directory Assistance Access Service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

(E) Manner of Provision (Cont'd)

Because some customers will wish to further segregate their originating traffic into separate trunk groups, or because segregation may be required by network considerations Originating BHMCs are further categorized into Domestic, 500, 700, 8XX, 900, Operator, IDDD and Operator Transfer Services. Domestic BHMCs represent access capacity for carrying only domestic traffic other than 500, 700, 8XX, 900, Operator and Operator Transfer Services traffic; IDDD BHMCs represent access capacity for carrying only international traffic; and, 500, 700, 8XX, 900, Operator and Operator Transfer Services BHMCs represent access capacity for carrying, respectively, only 500, 700, 8XX, 900, Operator or Operator Transfer Services traffic. When ordering such types of access capacity, the customer must specify Domestic, 500, 700, 8XX, 900, Operator, IDDD or Operator Transfer Services BHMCs.

6.1.2 Rate Categories

There are four rate categories which apply to Switched Access Service:

- Local Transport (described in 6.1.2(A) following)
- End Office (described in 6.1.2(B) following)
- Carrier Common Line (described in Section 3 preceding)
- End User (described in Section 4 preceding)

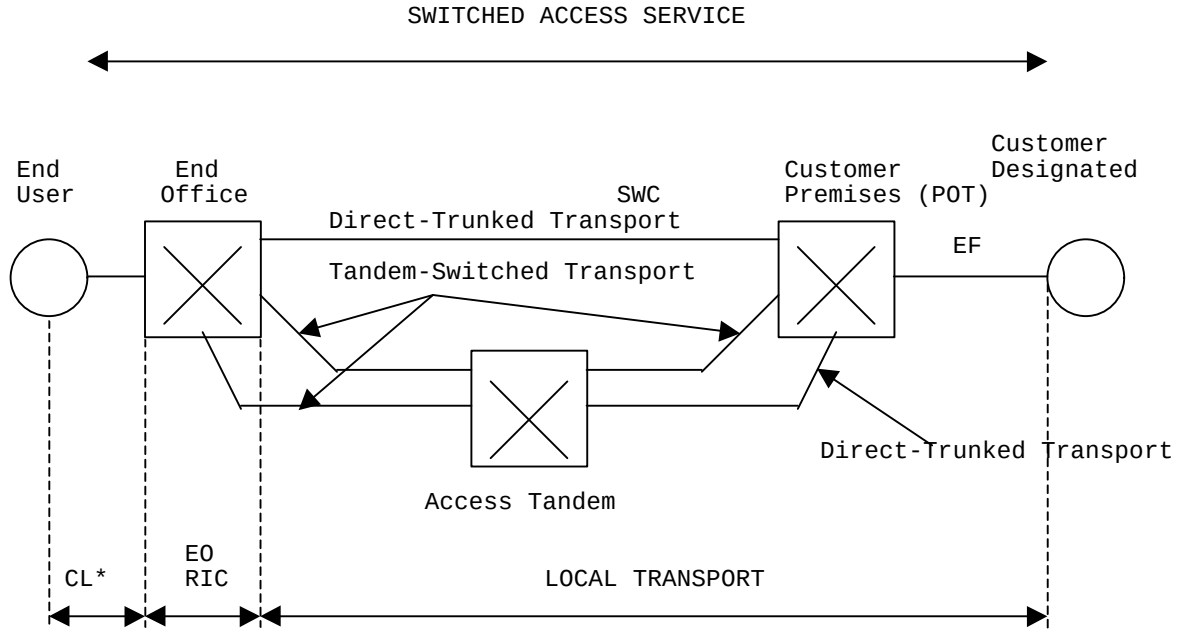
ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.



CL=Common Line
EO=End Office
EF=Entrance Facility
POT=Point of Termination
RIC=Residual Interconnection Charge
SWC=Serving Wire Center

Direct-Trunked Transport
- Direct-Trunked Facility
  - Direct-Trunked Termination
- Access Tandem Direct Trunk Port (N)

Tandem-Switched Transport
- Tandem-Switched Facility
  - Tandem-Switched Termination
  - Tandem Switching Charge
  - Tandem-Switched Multiplexer (N)

*Carrier Common Line access is provided under Section 3. of this Tariff.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport

The Local Transport rate category provides the transmission facilities between the customer designated premises and the end office switch(es), which may be a Remote Switching Module(s), where the customer's traffic is switched to originate or terminate the customer's communications. Mileage measurement rules are set forth in 6.7.12 following and in this section.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer designated premises) and in the terminating direction (from the customer designated premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. The customer must specify the choice of facilities (i.e., Voice Grade 2-Wire, Voice Grade 4-Wire, or High Capacity DS1 or DS3) to be used in the provision of the Direct-Trunked Transport or Entrance Facility.

The customer must specify when ordering: (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, (2) the type of Direct-Trunked Transport and whether it will overflow to Tandem-Switched Transport when service is directly routed to an end office, (3) the type of Entrance Facility, (4) the directionality of the service, and (5) when multiplexing is required, the hub(s) at which the multiplexing will be provided.

ACCESS SERVICE

6. Switched Access Service (Cont'd) (N)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

Additionally, when service is to be routed through an access tandem switch, the customer must specify whether the facility between the serving wire center and the tandem is to be provided as Direct-Trunked Transport or Tandem-Switched Transport.

When the customer has both Tandem-Switched Transport and Direct-Trunked Transport at the same end office, Alternate Traffic Routing as set forth in 6.3.1(N) following can be provided at the customer's option.

Direct-Trunked Transport is available at all tandems and at all end offices except those end offices identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. as not having the capability to provide Direct-Trunked Transport. Direct-Trunked Transport is not available: (1) from end offices that provide equal access through a centralized equal access arrangement, (2) from end offices that lack recording or measurement capability, and (3) for originating 800 calls from non-Service Switching Point (SSP) equipped end offices that can not accommodate direct trunking of originating 800 calls. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

Local Transport is provided at the rates and charges set forth in 6.8.1 following. The application of these rates with respect to individual Feature Groups is as set forth in 6.7.1(D) following.

The Local Transport Rate Category includes five classes of rate elements: (1) Entrance Facility, (2) Direct-Trunked Transport, (3) Tandem-Switched Transport, (4) Residual Interconnection Charge, and (5) Multiplexing.

(1) Entrance Facility

The Entrance Facility recovers a portion of the costs associated with a communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Entrance Facility is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the customer designated premises and the type of signaling capability, if any.

Three types of Entrance Facility are available: (1) Voice Grade 2 or 4 wire (an analog channel with an approximate bandwidth of 300 to 3000 hz), (2) High Capacity DS1 (an isochronous serial digital channel with a rate of 1.544 Mbps), and (3) High Capacity DS3 (an isochronous serial digital channel with a rate of 44.736 Mbps). The minimum period for which a DS3 Entrance Facility is provided is twelve months.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(1) Entrance Facility (Cont'd)

One charge applies for each Entrance Facility that is terminated at a customer designated premises. This charge specified in 6.8.1 following will apply even if the customer designated premises and the serving wire center are collocated in a Telephone Company building.

A customer's Local Transport may be connected to the Entrance Facility of another customer, providing the other customer submits a Letter of Authorization for this connection and assumes full responsibility for the cost of the Entrance Facility.

(2) Direct-Trunked Transport

The Direct-Trunked Transport rate elements recover a portion of the cost associated with a communications path between the serving wire center and an end office or serving wire center and a tandem on circuits dedicated to the use of a single customer.

Direct-Trunked Transport is available to all tandems and to all end offices except those end offices identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION as not having the capability to provide Direct-Trunked Transport.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Direct-Trunked Transport (Cont'd)

Direct-Trunked Transport is not available: (1) from end offices that provide equal access through a centralized equal access arrangement, (2) from end offices that lack recording or measurement capability, and (3) for originating 8XX calls from non-Service Switching Point (SSP) equipped end offices that can not accommodate direct trunking of originating 8XX calls.

Three types of Direct-Trunked Transport are available: (1) Voice Grade (an analog channel with an approximate bandwidth of 300 to 3000 Hz), (2) High Capacity DS1 (an isochronous serial digital channel with a rate of 1.544 Mbps), and (3) High Capacity DS3 (an isochronous serial digital channel with a rate of 44.736 Mbps). The minimum period for which a High Capacity DS3 Direct-Trunked Transport is provided is twelve months.

High Capacity DS1 Direct-Trunked Transport can not be terminated at end offices that are not identified as hub offices that provide DS1 to Voice Grade multiplexing or are not electronic end offices. Additionally, DS3 Direct-Trunked Transport can not be terminated at end offices that are not identified as hub offices that provide DS3 to DS1 multiplexing. Offices that provide multiplexing are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(2) Direct-Trunked Transport (Cont'd)

Direct-Trunked Transport rates consist of a Direct-Trunked Facility rate specified in 6.8.1 following which is applied on a per mile basis and a Direct-Trunked Termination rate which is applied at each end of each measured segment of the Direct-Trunked Facility (e.g., at the end office, hub, tandem, and serving wire center). When the Direct-Trunked Facility mileage is zero, neither the Direct-Trunked Facility rate nor the Direct-Trunked Termination rate will apply.

The Direct-Trunked Facility rate recovers a portion of the costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits.

The Direct-Trunked Termination rate specified in 6.8.1 following recovers a portion of the costs of the circuit equipment that is necessary for the termination of each end of the Direct-Trunked Facility.

(3) Access Tandem Direct Trunk Port (N)

Charges for Access Tandem Direct Trunk Ports, located on the serving wire center side of the Access Tandem, recover costs to terminate direct trunks. Access Tandem Direct Trunk Ports are a flat-rate monthly charge as specified in 6.8.1 following assessed to the customer purchasing the dedicated trunk terminated at that port. (N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(4) Tandem-Switched Transport (T)

The Tandem-Switched Transport rate elements recover a portion of the costs associated with a communications path between a serving wire center and an end office or between a tandem and an end office on circuits that are switched at a tandem switch.

Tandem-Switched Transport rates consist of a Tandem Switching Charge rate, a Tandem-Switched Facility rate, and a Tandem-Switched Termination rate.

The Tandem Switching Charge rate recovers a portion of the costs of switching traffic through an access tandem. The Tandem Switching Charge rate specified in 6.8.1 following is applied on a per access minute per tandem basis for all originating and all terminating minutes of use switched at the tandem. Tandem locations are identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

The Tandem-Switched Facility rate recovers a portion of the costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(4) Tandem-Switched Transport (Cont'd)

The Tandem-Switched Facility rate specified in 6.8.1 following is applied on a per access minute per mile basis for all originating and terminating minutes of use routed over the facility. Mileage for Tandem-Switched Facility is measured in segments, as set forth in 6.7.12 following.

The Tandem-Switched Termination rate recovers a portion of the costs of the circuit equipment necessary for the termination of each end of each measured segment of the Tandem-Switched Facility. The Tandem-Switched Termination rate specified in 6.8.1 following is applied on a per access minute per measured segment of Tandem-Switched Facility basis for all originating and terminating minutes of use routed over the facility. When the Tandem-Switched Facility mileage is zero, the Tandem-Switched Facility rate will not apply, however, the Tandem-Switched Termination rate will apply.

The Tandem-Switched Multiplexing charge recovers the cost of multiplexing equipment on the end office side of the tandem switch and the trunk side of the end office. The Tandem-Switched Multiplexing charge specified in 6.8.1 following is a per-minute charge assessed to the customer purchasing common transport on the end office-to-tandem link. (C)(x) (C)(x)

(x) Issued to become effective on January 24, 1998 under Special Permission No. 98-15.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(5) Residual Interconnection Charge (T)

The Residual Interconnection Charge rate recovers the non-facilities costs and other residual costs associated with Local Transport that are not recovered by other local transport rate elements. The Residual Interconnection Charge specified in 6.8.1 following applies at the end office to all switched access minutes of use (i.e., both Tandem-Switched and Direct-Trunked) for all carriers. (C)

The Supplemental LEC Transport Charge rate recovers facilities costs associated with Local Transport that are not recovered by other rate elements. The Supplemental LEC Transport Charge specified in 6.8.1 following applies at the end office to all switched access minutes of use (i.e., both Tandem-Switched and Direct-Trunked) for all carriers except competitive providers of local transport. This supplemental charge is applied in addition to the Residual Interconnection Charge. (C) (N) (N)

(6) Multiplexing (T)

DS3 to DS1 Multiplexing charges specified in 6.8.1 following apply when a High Capacity DS3 Entrance Facility or High Capacity DS3 Direct-Trunked Facility is connected with High Capacity DS1 Direct-Trunked Transport. The DS3 to DS1 multiplexer will convert a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

DS1 to Voice Grade Multiplexing charges specified in 6.8.1 following apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct-Trunked Facility is connected with Voice Grade Direct-Trunked Transport. However, a DS1 to Voice Grade Multiplexing charge does not apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct-Trunked Transport is terminated at an electronic end office and only Switched Access Service is provided over the DS1 facility (i.e., Voice Grade Special Access channels are not derived). The DS1 to Voice Grade multiplexer will convert a 1.544 Mbps channel to 24 Voice Grade channels.

Multiplexing is only available at wire centers identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(7) Interface Groups (T)

Ten Interface Groups are provided for terminating the Local Transport Entrance Facility at the customer's designated premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, and at the option of the customer, the Entrance Facility may be provided with optional features as set forth in (7) following.

As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer's designated premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Telephone Company equipment be placed at the customer's designated premises. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer's designated premises are digital, then Telephone Company channel bank equipment must be placed at the customer's designated premises in order to provide the voice frequency interface ordered by the customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(7) Interface Groups (Cont'd) (T)

Technical specifications concerning the available interface groups are set forth in 15.1 following.

(8) Nonchargeable Optional Features (T)

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following nonchargeable optional features in association with Local Transport.

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as set forth in 15.1.12 following.

(b) Customer Specified Entry Switch Receive Level

This feature allows the customer to specify the receive transmission level at the first point of switching. The range of transmission levels which may be specified is described in Technical Reference TR-NPL-000334. This feature is available with Interface Groups 2 through 10 for Feature Groups A and B.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(8) Nonchargeable Optional Features (Cont'd) (T)

(c) Customer Specification of Local Transport Termination

This option allows the customer to specify, for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the entry switch in lieu of a Telephone Company selected two-wire termination. This option is available only when the Feature Group B arrangement is provided with Type B Transmission Specifications.

(d) Customer Subscription to CCSNC

When a customer subscribes to Common Channel Signaling (SS7) Network Connection Service (CCSNC Service), the following optional features are made available and are described in 6.3.1 following.

- Signaling System 7 (SS7) Signaling
- Calling Party Number
- Carrier Selection Parameter
- Charge Number Parameter

(9) Chargeable Optional Features (T)

(a) Common Channel Signaling, Signaling System 7 (CCS/SS7) Network Connection (CCSNC) Service

This service provides a signaling path between a customer's designated Signaling Point of Interface (SPOI) and a Telephone Company's Signaling Transfer Point (STP). CCSNC is provided as set forth in 6.3.3(C) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Local Transport (Cont'd)

(9) Chargeable Optional Features (Cont'd) (T)

(b) CIC and OZZ Signaling Information (COSI)

This option is end office-generated signaling which provides the Carrier Identification Code (CIC) and the OZZ digits needed to perform tandem switching functions for switched transport services. This option is only available with the Feature Group D trunks when directly routed to an equal access end office switch. It is not available from the Telephone Company's access tandem. CIC and OZZ Signaling Information is provided as set forth in 6.3.3(D) following, via multifrequency (MF) address signaling or, where technically feasible, via out of band CCS/SS7 signaling.

(c) Clear Channel Capability (CCC)

CCC is a Feature Group D (FGD) Direct-Trunked Transport arrangement that allows a customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps High Capacity DS1 channel or over a 1.544 Mbps High Capacity DS1 channel derived from a multiplexed 44.736 Mbps High Capacity DS3 channel with no constraint on the quantity or sequence of one and zero bits. This arrangement requires the customer interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code as described in Technical Reference TR-NRL-000054 and Technical Reference TR-INS-000342. The CCC optional feature is provided as set forth in 6.3.3(F) following.

(B) End Office

The End Office rate category provides the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Switching and Information (i.e., Directory Assistance) rate elements. The components which make up the Switching rate element include Local Switching, Line Termination and Intercept. End Office rate elements are set forth in 6.8.2 following. The application of the Switching rate element with respect to individual Feature Groups is as set forth in 6.7.1(D) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Switching

(a) Local Switching

Local Switching provides for the use of end office switching equipment. The premium charge is divided into two distinct categories, i.e., LS1 and LS2. The first category, LS1, provides local dial switching for Feature Groups A and B except for: (1) Feature Group B when utilized to provide MTS/WATS service and (2) Feature Groups A and B used for terminating inward WATS and WATS-type service at an equal access WATS Serving Office. The second category, LS2, provides local dial switching for: (1) Feature Groups C and D, (2) for FGB when utilized to provide MTS/WATS service, and (3) for Feature Groups A and B used for terminating inward WATS and WATS-type service at an equal access WATS Serving Office.

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with LS2 which provides local dial switching for Feature Groups C and D. International dialing provides the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard FGC or FGD equipped end office.

Rates for LS1 and LS2 are set forth in 6.8.2 (A) following.

There are two types of local switching functions, i.e., Common Switching functions and Transport Termination functions. These are described in (i) and (ii) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Switching (Cont'd)

(a) Local Switching (Cont'd)

(i) Common Switching

Common Switching provides the local end office switching functions associated with the various access (i.e., Feature Group) switching arrangements. The Common Switching arrangements provided for the various Feature Group arrangements are described in 6.2 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Switching (Cont'd)

(a) Local Switching (Cont'd)

(i) Common Switching (Cont'd)

Included as part of Common Switching are various nonchargeable optional features which the customer can order to meet the customer's specific communications requirements. These optional features are described in 6.3.1 following.

(ii) Transport Termination

Transport Termination provides for the line or trunk side arrangements which terminate the Local Transport facilities. Included as part of Transport Termination are various nonchargeable optional termination arrangements. These optional terminating arrangements are described in 6.3.2 following.

The number of Transport Terminations provided will be determined by the Telephone Company as set forth in 6.5.6 following.

(b) Line Termination

Line Termination provides the terminations for the end user lines terminating in the local end office. There are two types of Line Terminations, i.e., Common Line Terminations and Special Access Service Terminations utilized in the provision of WATS or WATS-type services at Telephone Company designated WATS Serving Offices.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Switching (Cont'd)

(b) Line Termination (Cont'd)

The above Special Access Service Terminations are differentiated by line side vs. trunk side terminations. In addition, there are various types of originating and terminating line side terminations depending on the type of signaling associated with the Special Access Service. Line side terminations are available with either dial pulse or dual tone multi frequency address signaling.

(c) Intercept

Intercept provides for the termination of a call at a Telephone Company Intercept operator or recording. The operator or recording tells a caller why a call, as dialed, could not be completed, and if possible, provides the correct number. (T) (T)

(2) Directory Assistance Information Surcharge

Directory Assistance Information Surcharge rates are assessed to a customer based on the total number of access minutes. Directory Assistance Information Surcharge rates are as set forth in 6.8.2 following. The application of these rates with respect to individual Feature Groups is as set forth in 6.7.1(D) following.

The number of end office switching transmission paths will be determined as set forth in 6.5.5 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd) (N)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(3) End Office Direct Trunk Port

Charges for End Office Direct Trunk Ports, located on the trunk side of the end office, recover costs to terminate direct trunks. End Office Direct Trunk Ports are a flat-rate monthly charge as specified in 6.8.2 following assessed to the customer purchasing the dedicated trunk terminated at that port.

(4) End Office Common Trunk Port

Charges for DS-1 End Office Common Trunk Ports, located on the trunk side of the end office, recover costs to terminate common trunks. End Office Common Trunk Ports are per minute-of-use charge as specified in 6.8.2 following assessed to the customer of common transport trunks terminating at these ports. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd) (N)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(C) Marketing Expenses

The Marketing Expense charge recovers residual marketing expenses not recovered from end user SLCs or PICCs due to ceiling limitations. These residual expenses are recovered through per-minute charges on originating and terminating access rates as specified in 6.8.7 following. These per-minute charges will be applied on the same basis as Carrier Common Line minutes of use. (N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(D) Chargeable Optional Features (T)

Where facilities permit, the Telephone Company, will at the option of the customer, provide the following chargeable optional features.

(1) NXX Translation for 500 or 900 Access Service

The NXX Translation rate element for 500 or 900 Access Service provides for customer identification of calls dialed by end users of the form 1+SAC+NXX-XXXX. The NXX codes are assigned to specific customers in conformance with the North American Numbering Plan (NANP). NXX code assignment(s) will be made by the Bellcore NANP Coordinator. The Telephone Company will use the NXX code to identify the customer to whose point of termination the traffic is to be delivered, (i.e., at appropriately equipped electronic end offices, access tandems or through contracted arrangements with other parties.) NXX translation for 500 or 900 NXX service is provided at the ordered end offices. It is then the responsibility of the customer to do any further translation the customer deems necessary and route the call. Customer assigned NXX codes which have not been ordered will be blocked.

(a) 500 or 900 NXX Translation

A nonrecurring charge, as set forth in 6.8.3 following, is associated with 500 or 900 Translation. This nonrecurring charge is assessed by the Telephone Company on a per SAC order basis regardless of the number of NXX codes specified on the order.

The description and application of this service with respect to Feature Group C and Feature Group D is as set forth in 6.7.1(C)(2) and 6.7.1(D) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(D) Chargeable Optional Features (Cont'd) (T)

(2) 8XX Data Base Access Service

8XX Data Base Access Service provides for customer identification of calls dialed by end users, based on the dialed 8XX number in the form 1+8XX+NXX-XXXX. The 8XX numbers are assigned to 8XX service subscribers in conformance with the North American Numbering Plan (NANP). 8XX number assignment will be made by the 8XX Service Management System (SMS/8XX) Administrator. The Telephone Company will perform carrier selection for each 8XX number call by querying a data base to determine the customer to whose point of termination the call is to be delivered and includes area of service routing which allows routing of 8XX calls by telephone companies to different inter-exchange carriers based on the Local Access Transport Area (LATA) in which the call originates. Unless the customer has ordered 8XX data base optional vertical services, it is then the responsibility of the customer to perform any further translation the subscriber deems necessary and route the call. Calls to 8XX number, for which a data base query returns a carrier identification for a carrier that has not ordered Switched Access Service, will be blocked.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(D) Chargeable Optional Features (Cont'd) (T)

(2) 8XX Data Base Access Service (Cont'd)

In addition to the carrier selection function performed, the data base can be used to provide various vertical service features. Charges for Vertical Service Features are in addition to Carrier Selection charges. These optional vertical features include:

- POTS translation of 8XX numbers (which is generally necessary for the routing of 8XX calls)

- Other Vertical Service Features (This charge is in addition to the POTS Translation Charge, if applicable)

  • Alternate POTS translation (which allows subscribers to vary the routing of 8XX calls based on factors such as time of day, day of week, specific dates, originating NPA-NXX-XXXX and/or percent allocation)

  • Multiple carrier routing (which allows subscriber to route to different carriers based on factors such as time of day, day of week, specific dates, originating NPA- NXX-XXXX and/or percent allocation)

  • Call validation (ensuring that calls originate from subscribed service areas)

When Other Vertical Service Feature charge is applicable, only one charge will be assessed, regardless of the number of Other Vertical Service Features provided.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(D) Chargeable Optional Features (Cont'd) (T)

(2) 8XX Data Base Access Service (Cont'd)

(a) 8XX Data Base Queries

8XX data base charges, as set forth in 6.8.4 following, are associated with the carrier selection and vertical service features. The 8XX data base charges will be assessed by the Telephone Company on a per completed 8XX data base query basis even if the Telephone Company does not actually deliver the associated 8XX call to the customer or Interexchange Carrier (IXC).

An Independent Telephone Company (ITC) that subtends the Company's Service Switching Point (SSP) may elect, by notifying the Company in writing, to have the Company bill the ITC the 8XX data base query charges associated with 8XX calls originating from the ITC. If the ITC so elects and the Company can identify the originating end office for the 8XX data base queries associated with 8XX calls originating from the ITC, the ITC will be assessed the 8XX data base query charges, per completed query, for those 8XX calls that originate from the ITC. In this case, the ITC is responsible for billing the interexchange carriers (IXC) for 8XX data base charges based on the ITC's tariffed rate.

If the Company is unable to identify, for any reason, the originating end office for the 8XX data base queries (carrier selection and/or vertical features) associated with 8XX calls originating from a particular ITC that subtends the Company's SSP, the Company will bill the IXC directly for the 8XX data base queries.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(D) Chargeable Optional Features (Cont'd) (T)

(2) 8XX Data Base Access Service (Cont'd)

(a) 8XX Data Base Queries (Cont'd)

If the ITC subtending the Company's SSP does not elect to have the Company bill the ITC the 8XX data base query charges, the Company will bill the IXC the 8XX data base query charges associated with 8XX calls originating from the ITC. In this case, the ITC will not bill the IXC 8XX data base query charges.

The description and application of this service with respect to Feature Group C and Feature Group D is as set forth in 6.7.1(D) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(D) Chargeable Optional Features (Cont'd) (T)

(3) Billing Name and Address

The Company will provide to telecommunications service providers or to the authorized billing agents of telecommunications service providers, the billing name and address (BNA) of the Company's subscribers with listed telephone numbers who use the Company's calling card or who authorize collect and third party calls to pay for a telecommunications service provider's services.

The Company will also disclose the BNA of the Company's subscribers with unlisted and nonpublished numbers, unless the unlisted or nonpublished subscriber affirmatively requests that its BNA not be disclosed. The Company will presume that unlisted and nonpublished subscribers consent to disclosure and use of their BNA if the subscriber does not make this affirmative request.

The Company will not disclose billing name and address information to any party other than a telecommunications service provider or an authorized billing and collection agent of a telecommunications provider.

No telecommunications service provider or authorized billing and collection agent of a telecommunications service provider shall use billing name and address information for any purpose other than the following:

(a) Billing customers for using telecommunications services of that service provider and collecting amounts due.

(b) Any purpose associated with the "equal access" requirements.

(c) Verification of service orders of new customers, identification of customers who have moved to a new address, fraud prevention, and similar nonmarketing purposes.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(D) Chargeable Optional Features (Cont'd) (T)

(3) Billing Name and Address (Cont'd)

In no case shall any telecommunications service provider or authorized billing and collection agent of a telecommunications service provider disclose the billing name and address information of any subscriber to any third party, except that a telecommunications service provider may disclose billing name and address information to its authorized billing and collection agent.

Requests for BNA on given telephone numbers will be accepted by the Company's Interexchange Carrier Service Center (ICSC) via letter or facsimile on letterhead of the telecommunications service provider or an authorized billing agent. The Company shall, barring any unforeseen circumstances, provide BNA information to the requesting party via first class U.S. Mail or facsimile within thirty (30) days of receipt of the BNA request.

The rates and charges for the provision of BNA, as set forth in 6.8.5 following, are associated with the matching of billing name and address to the given telephone number. The minimum monthly charge for the provisioning of BNA is $15.00.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(D) Chargeable Optional Features (Cont'd) (T)

(4) Operator Transfer Services (Cont'd)

Operator Transfer Service may be provided with Feature Group C or Feature Group D Switched Access Service at Telephone Company designated Operator Services location. Operator Transfer Service is an originating service. The rate is assessed per 0- call transferred to a customer's operator. An 0- call is considered transferred when the Telephone Company Operator activates the switch transferring the call to the designated customer and the customer acknowledges receipt.

In addition to the Operator Transfer Service charge described above and in 6.3.3 following, Feature Group C or Feature Group D Switched Access rates and charges as set forth in 6.2.3 and 6.2.4 following and Carrier Common Line Charges set forth in 3.8.5 preceding will apply per minute of use for Operator Transfer Service.

Operator Transfer Service charges, provided for in this tariff, are applied only to those calls actually transferred by the Telephone Company to the customer's operator.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in 11. following.

6.1.4 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.1.5 Testing

(A) Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling. When the Local Transport is provided with Interface Groups 2 through 10, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

(B) Routine Testing

At no additional charge, the Telephone Company will, at the customer's request, test after installation on an automatic or manual basis, 1004 Hz loss, C-message noise and Balance (Return loss).

In the case of automatic testing, the customer shall provide remote office test lines and 105 test lines with associated responders or their functional equivalent.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.5 Testing (Cont'd)

(B) (Cont'd)

The frequency of these tests will be that which is mutually agreed upon by the customer and the Telephone Company, but shall consist of not less than quarterly 1004 Hz Loss and C-message noise tests and an annual Balance test. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

Additional tests may be ordered as set forth in 13.3.2(A) following. Charges for these additional tests are set forth in 13.4.2 following.

6.1.6 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5.2 preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups

Switched Access Service is provided in four different Feature Group arrangements. The provision of each Feature Group requires Local Transport facilities including an Entrance Facility where required, and the appropriate End Office functions. In addition, Special Access Service may, at the option of the customer, be connected with Feature Groups A, B, C or D at Telephone Company designated WATS Serving Offices.

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The technical specifications for the Entrance Facility and Direct-Trunked Transport are the same as those set forth in Section 7 following for Voice Grade and High Capacity Services. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 15.2.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer designated premises. Terminating calling permits the delivery of calls from the customer designated premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various optional features available with the Feature Groups. These additional optional features are provided as Local Transport, Common Switching, Transport Termination, 8XX Data Base Access Service, 900 or 500 NXX Access Service and Operator Transfer Service.

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, the optional features available for use with it and the standard testing capabilities.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

The Common Switching and Transport Termination optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all Telephone Company end office switches.

6.2.1 Feature Group A (FGA)

(A) Description

(1) FGA is provided in connection with Telephone Company electronic and electromechanical end offices. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling.

(2) FGA provides a line side termination at the first point of switching (dial tone office). The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.

(3) The Telephone Company shall select the first point of switching, within the selected LATA, at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.

(4) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.1 Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

(5) FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in a hunt group or uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.

(6) No address signaling is provided by the Telephone Company when FGA Switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

(7) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). Charges for FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.1 Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

(7) (Cont'd)
exchange tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, and, (3) calls from a FGA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. For calls to Directory Assistance (411 and 555-1212, whichever is available), Local Transport rates for FGA Switched Access Service will not apply.

(8) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(9) FGA will be provisioned over an Entrance Facility from the customer's premises to the customer's serving wire center.

FGA service, when used in the originating or terminating direction, will be provisioned as Direct-Trunked Transport from the customer's serving wire center to the first point of switching and provisioned as Tandem-Switched Transport from the first point of switching to the originating or terminating end office.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.1 Feature Group A (FGA) (Cont'd)

(B) Optional Features

(1) Common Switching Optional Features

(a) Hunt Group Arrangement

(b) Uniform Call Distribution Arrangement

(c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement

(d) Call Denial

(e) Service Code Denial

(f) Hunt Group Arrangement for Use with Special Access Service utilized in the provision of WATS-type Services

(g) Uniform Call Distribution Arrangement for Use with Special Access Service utilized in the provision of WATS-type Services

(h) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service utilized in the provision of WATS-type Services.

(i) Band Advance Arrangement for Use with Special Access Service utilized in the provision of WATS-type Services.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.1 Feature Group A (FGA) (Cont'd)

(B) Optional Features (Cont'd)

(2) Transport Termination Optional Features

(a) Two-way operation with dial pulse address signaling and loop start supervisory signaling
(b) Two-way operation with dial pulse address signaling and ground start supervisory signaling
(c) Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling
(d) Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling
(e) Terminating operation with dial pulse address signaling and loop start supervisory signaling
(f) Terminating operation with dial pulse address signaling and ground start supervisory signaling
(g) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
(h) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
(i) Originating operation with loop start supervisory signaling
(j) Originating operation with ground start supervisory signaling

(3) Local Transport Optional Features

(a) Supervisory Signaling (as set forth in 6.1.2(A)(7)(a) preceding)
(b) Customer Specified Entry Switch Receive Level (as set forth in 6.1.2(A)(7)(b) preceding)
(c) Customer Specification of Local Transport Termination (as set forth in 6.1.2(A)(7)(c) preceding)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.1 Feature Group A (FGA) (Cont'd)

(B) Optional Features (Cont'd)

(4) Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local and/or general exchange service tariffs. These are:

(a) Speed Calling
(b) Remote Call Forwarding
(c) Bill Number Screening
(d) IntraLATA extensions

(C) Transmission Specifications

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

(D) Testing Capabilities

FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.1.5 preceding which are included with the installation of service, and as ongoing routine testing, Additional Cooperative Acceptance Testing and Additional Manual Testing are available as set forth in 13.3.2 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.2 Feature Group B (FGB)

(A) Description

(1) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic and electromechanical end office switches.

(2) FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.

(3) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

(4) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-0XXX or 950-1XXX for carriers. One uniform access code will be assigned to the customer for the customer's domestic communications and another will be assigned to the customer for its international communications, if required. These uniform access codes will be the assigned access numbers of all FGB switched access service provided to the customer by the Telephone Company.

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(5) FGB switching, when used in the terminating direc- tion, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed addi tional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555 1212 or 555-1212) when FGB switching is combined with Directory Assistance switching. FGB may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C and D. (T) (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrange ments may be combined in a single trunk group at the option of the Telephone Company.

(7) When all FGB switching arrangements are discon tinued at an end office and/or in a LATA, an intercept announcement is provided. This arrange ment provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(B) Optional Features

(1) Common Switching Optional Features

(a) Automatic Number Identification (ANI)
(b) Up to 7 Digit Outpulsing of Access Digits to Customer
(c) Hunt Group Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services
(d) Uniform Call Distribution Arrangement for Use with Special Access Service utilized in the provision of WATS-type Services
(e) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services
(f) Band Advance Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(B) Optional Features (Cont'd)

(2) Transport Termination Optional Features

(a) Rotary Dial Station Signaling

(3) Local Transport Optional Features

(a) Customer Specification of Local Transport Termination
(b) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding)
(c) Customer Specified Entry Switch Receive Level

(4) Another feature, Bill Number Screening, which may be available in connection with FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.

(C) Transmission Specifications

FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(D) Testing Capabilities

FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.5 preceding which are included with the installation of service and as ongoing routine testing. Additional Cooperative Acceptance Testing, Additional Automatic Testing, and Additional Manual Testing are available as set forth in 13.3.2 following.

6.2.3 Feature Group C (FGC)

(A) Description

(1) FGC is provided at all Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. Feature Group C switching is furnished to providers of MTS and WATS. Additionally, originating Feature Group C switching is available to all customers when used to provide the 500 or 900 NXX Access Service optional feature. Terminating Feature Group C switching is available to all customers who are not MTS and WATS providers only when such terminating access is for purposes of testing Feature Group C facilities provided in conjunction with the 500 or 900 NXX Access Service optional feature.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(A) Description (Cont'd)

(2) FGC is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial start-pulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.

(3) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial pulse, revertive pulse, immediate dial pulse or panel call indicator signaling, whichever is available. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

(4) No access code is required for FGC switching. The telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(A) Description (Cont'd)

(5) FGC switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customers' services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, the customer will also be billed additional non-access charges for calls to certain community information ser vices, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services. Additionally, non- access charges will also be billed for calls from a FGC trunk to another customer's service in accor dance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555 1212), service codes 611 and 911 and 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGC switching is combined with Directory Assistance switching. FGC may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(A) Description (Cont'd)

(6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGC switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGC switching arrangement provided. Different types of FGC or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(7) Unless prohibited by technical limitations the providers of MTS and WATS may, at their option, combine 500, 8XX and 900 Access Service traffic in the same trunk group arrangement with their non-500, non-8XX and non-900 Access Service traffic. When required by technical considerations, or when provided to a customer other than the provider of MTS and WATS, or at the request of the customer (i.e., provider of MTS and WATS), a separate trunk group will be established for 500, 8XX and 900 Access Service traffic.

(8) FGC switching is provided with multifrequency address signaling or out of band SS7 signaling where technically feasible. With multifrequency address signaling and SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(A) Description (Cont'd)

(9) Operator Transfer Service may be provided with FGC Switched Access Service at Telephone Company designated Operator Services locations.

The Telephone Company will provide Operator Transfer Service for calls originating from telephone numbers associated with exchange service lines in end offices subtending the Operator Services location. Operator Transfer Service is provided as set forth in 6.3.3 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(B) Optional Features

(1) Common Switching Optional Features

(a) Automatic Number Identification (ANI)
(b) Service Class Routing
(c) Dial Pulse Address Signaling

(e) Delay Dial Start-Pulsing Signaling
(f) Immediate Dial Pulse Address Signaling

(h) Alternate Traffic Routing
(i) Trunk Access Limitation
(j) End Office End User Line Service Screening for Use with Special Access Service utilized in the provision of WATS or WATS-type Services
(k) Hunt Group Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services
(l) Uniform Call Distribution Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services
(m) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services
(n) Band Advance Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services

(2) Transport Termination Optional Features

(a) Operator Trunks - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Telephone Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(B) Optional Features (Cont'd)

(3) Local Transport Optional Features

(a) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding)

(b) Signaling System 7 (SS7)

The SS7 optional feature allows the customer to receive signals for out of band call set up and is available with Feature Group C. This option requires the establishment of a signaling connection between the customer's designated premises/SPOI and a Signaling Transfer Point (STP).

SS7 is provided in both the originating and terminating direction on FGC and each signaling connection is provisioned for two way SS7 signaling information.

The SS7 optional feature is only available where designated in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4 to providers of MTS and WATS for all traffic and to all other customers for originating calls to 8XX numbers.

(c) Multifrequency Address Signaling

(d) Calling Party Number (CPN)

(e) Charge Number Parameter (CNP)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(B) Optional Features (Cont'd)

(4) Chargeable Optional Features

(a) 8XX Data Base Access Service (as set forth in 6.3.3 following).

(b) 500 and 900 NXX Access Service (as set forth in 6.3.3 following).

(c) Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection Service (CCSNC)

The CCSNC Optional Feature is provided as set forth in 6.3.3(C) following.

(d) Operator Transfer Service Optional Feature is provided as set forth in 6.3.3 following.

(C) Transmission Specifications

FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.

- When routed to an access tandem only Type B is provided.

- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

Type DB Data Transmission Parameters are provided with FGC for the transmission path between the customer's premises and the end office when directly routed to the end office, and Type DB Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(D) Testing Capabilities

FGC is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.5 preceding which are included with the installation of service and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing, and Additional Manual Testing are available as set forth in 13.3.2 following.

6.2.4 Feature Group D (FGD)

(A) Description

(1) FGD is provided at Telephone Company designated electronic end office switches whether routed directly or via Telephone Company designated electronic access tandem switches.

(2) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.

(3) FGD switching is provided with multifrequency address signaling or out of band SS7 signaling. With multi-frequency address signaling and SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Local Transport provided.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(4) FGD switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes 611 and 911 and 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when FGD switching is combined with Directory Assistance switching. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, C or D. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(5) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(6) The access code for FGD switching is a uniform access code of the form 101XXXX. A single access code will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in 13.5.2 following. (C)

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(6) (Cont'd)

When the 101XXXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer's premises. (C)

(7) FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing 101XXXX uniform access code. Each telephone exchange service line may be marked with a code to identify which 101XXXX code its calls will be directed to for interLATA service. (C) (C)

(8) Unless prohibited by technical limitations, the customer's 500, 8XX and 900 NXX Access Service traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-500, non-8XX and non-900 Access Service traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for 500, 8XX and 900 Access Service traffic.

(9) When a customer has had FGB access in an end office and subsequently replaces the FGB access with FGD access, at the mutual agreement of the customer and the Telephone Company, the Telephone Company will direct calls dialed by the customer's end users using the customer's previous FGB access code to the customer's FGD access service. The customer must be prepared to handle normally dialed FGD calls, as well as calls dialed with the FGB access code which requires the customer to receive additional address signaling from the end user. Such calls will be rated as FGD. The Telephone Company may, with 90 days' written notice to the customer, discontinue this arrangement.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(10) Operator Transfer Service (forwarding of 0- calls) may be provided with FGD Switched Access Service at Telephone Company designated Operator Services locations.

The Telephone Company will provide Operator Transfer Service for calls originating from telephone numbers associated with exchange service lines in end offices subtending the Operator Services location. Operator Transfer Service is provided as set forth in 6.3.3 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(B) Optional Features

(1) Common Switching Optional Features

(a) Automatic Number Identification (ANI)
- Flexible ANI (N)
(b) Service Class Routing
(c) Alternate Traffic Routing
(d) Call Gapping Arrangement
(e) Trunk Access Limitation
(f) International Carrier Option
(g) End Office End User Line Service Screening for Use with Special Access Service utilized in the provision of WATS or WATS-type Services
(h) Hunt Group Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services
(i) Uniform Call Distribution Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services
(j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with Special Access Service utilized in the provision of WATS or WATS-type Services
(k) Band Advance Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services
(l) Delay Dial Start-Pulsing Signaling
(m) Digital Switched 56 Service

(2) Transport Termination Optional Features

(a) Operator Trunk, Full Feature Arrangement

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(B) Optional Features (Cont'd)

(3) Local Transport Optional Features

(a) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding)

(b) Signaling System 7 (SS7)

The SS7 optional feature allows the customer to send and receive signals for out of band call set up and is available with Feature Group D. This option requires the establishment of a signaling connection between the customer's designated premises/Signaling Point of Interface and a Telephone Company's Signaling Transfer Point (STP).

SS7 is provided in both the originating and terminating direction on FGD and each signaling connection is provisioned for two-way SS7 signaling information.

(c) Multifrequency Address Signaling

(d) Calling Party Number (CPN) Parameter

(e) Charge Number Parameter (CNP)

(f) Carrier Selection Parameter (CSP)

(4) Chargeable Optional Features

(a) 8XX Data Base Access Service (as set forth in 6.3.3 following).

(b) 500 and 900 NXX Access Service (as set forth in 6.3.3 following).

(c) Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection Service (CCSNC)

The CCSNC Optional Feature is provided as set forth in 6.3.3(C) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(B) Optional Features (Cont'd)

(4) Chargeable Optional Features (Cont'd)

(d) CIC and OZZ Signaling Information (COSI)

The COSI optional feature is provided as set forth in 6.3.3(D) following.

(e) Operator Transfer Service

The Operator Transfer Services Optional Feature is provided as set forth in 6.3.3(E) following.

(f) Clear Channel Capability (CCC) (N)(x)

The CCC optional feature is provided as set forth in 6.3.3(F) following. (N)(x)

(x) Issued on not less than 1 days notice under Special Permission No. 96-798.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(C) Transmission Specifications

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or C is provided.

- When routed to an access tandem only Type A is provided.

- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office when routed via an access tandem. Type DB Data Transmission Parameters are provided with FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.

(D) Testing Capabilities

FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.5 preceding which are included with the installation of service, and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing, and Additional Manual Testing, are available as set forth in 13.3.2 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(D) Testing Capabilities (Cont'd)

When SS7 Signaling is ordered, network compatibility and other testing will be performed cooperatively by the Telephone company and the customer as specified in Technical References TR-TSV 000905.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups. They are provided as either Common Switching, Transport Termination, 500 and 900 NXX Access Service and 8XX Data Base Access Service options or Operator Transfer Service option.

6.3.1 Common Switching Nonchargeable Optional Features

(A) Call Denial on Line or Hunt Group

This option allows for the screening of terminating FGA calls. There are two screening arrangements available with this option as follows: 1) limiting terminating calls for completion to only 411 or 555-1212 whichever is available, 611, 911, 8XX and a Telephone Company specified set of NXXs within the Telephone Company local exchange calling area of the dial tone office in which the arrangement is provided or, 2) limiting terminating calls to completion to only the NXXs associated with all end offices in the LATA, i.e., the call cannot be further switched or routed out of the LATA nor will calls be completed to 411 or 555-1212 whichever is available, 611, 911, or 8XX. All other calls are routed to a reorder tone or recorded announcement. Arrangement 1 is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices. Arrangement 2 is provided where available. This feature is available with Feature Group A.

(B) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the LATA, and for disallowing completion of calls to 0-, 555 and N11 (e.g., 411, 611, and 911). This feature is provided where available in all Telephone Company electronic end offices and electromechanical end offices. It is available with Feature Group A.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(C) Hunt Group Arrangement

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Feature Group A. All Feature Group A access services in the same hunt group must provide off-hook supervisory signalling from the same point in time in the call sequence i.e., all off-hook supervisory signals must either be provided by the customer's equipment before the called party answers or all must be forwarded by the customer's equipment when the called party answers.

(D) Uniform Call Distribution Arrangement

This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Feature Group A.

(E) Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement

This option provides an arrangement for an individual line within a multiline hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Feature Group A.

ACCESS SERVICE

6. Switched Access Service(Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(F) Automatic Number Identification (ANI)

This option provides the automatic transmission of a seven or ten digit number and information digits to the customer designated premises for calls originating in the LATA, to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission paths in a trunk group routed directly between an end office and a customer designated premises or, where technically feasible, with (2) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a customer designated premises.

The seven digit ANI telephone number is available with Feature Groups B and C. With these Feature Groups, technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines, coin stations and coinless pay telephones using Feature Group B, or when an ANI failure has occurred. Seven digit ANI is not available with SS7 Signaling.

The ten digit ANI telephone number is only available with Feature Group D. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below). Ten digit ANI is provided with multifrequency address signaling or SS7 signaling.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(F) Automatic Number Identification (ANI) (Cont'd)

With Feature Group C, at the option of the customer, ANI may be ordered from end offices where Telephone Company recording for end user billing is not provided. Additionally, ANI is provided from end offices where message detail recording is not required by the Telephone Company; as with 8XX service. ANI is not provided from end offices where the Telephone Company forwards ANI to its recording equipment.

Where ANI cannot be provided, e.g., on calls from 4 and 8 party services, information digits will be provided to the customer.

The information digits identify: (1) telephone number is the station billing number - no special treatment required, (2) multiparty line - telephone number is a 4- or 8-party line and cannot be identified - number must be obtained via an operator or in some other manner, (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner, (4) hotel/motel originated call which requires room number identification, (5) coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer, and (6) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(F) Automatic Number Identification (ANI) (Cont'd)

These ANI information digits are available with Feature Groups B, C, and D.

Additional ANI information digits are available with Feature Group D only. They include:

1) InterLATA restricted - telephone number is identified line

2) InterLATA restricted - hotel/motel line

3) InterLATA restricted - coinless, hospital, inmate, etc., line

These information digits will be transmitted as agreed to by the customer and the Telephone Company.

ANI information digits (ANIii) are the two digits that precede the seven- or ten-digit telephone number on the ANI record. ANI information digits inform the customer of the calling party's class of service for billing, routing and special handling purposes. Flexible ANI is a network enhancement that allows the Company to install new ANI information digits with a software update. The two-digit ANIii pair assignments are made by the North American Numbering Plan Administrator at Bellcore and are delineated in Technical Reference TR-NPL-000258. (N)

Flexible ANI is available with ANI Optional Feature on FGD when the customer has new or existing FGD ANI trunk groups in suitably equipped Company end offices. Flexible ANI is available with Feature Group D only.

Flexible ANI may be ordered coincident with the installation of associated trunk activity or subsequent (e.g., without) associated trunk activity. This option is provided on a Carrier Identification Code (CIC) basis per end office. Once the Flexible ANI option is activated per CIC code in an end office, all new or existing FGD trunk groups equipped with ANI will be capable of handling the new ANIii pairs installed via the Flexible ANI software. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(F) Automatic Number Identification (ANI) (Cont'd) (N)

Payphone lines will be assessed a monthly nonrecurring charge to recover the cost incurred by the Telephone Company to upgrade the Flex ANI feature to transmit payphone specific coding digits. This monthly nonrecurring charge, as set forth in 13.5.12 following, is assessed on a per payphone line, per month basis and will be recovered over a period of 12 months beginning January 1, 1999, and ending December 31, 1999. The Telephone Company will bill the monthly nonrecurring charge in advance under the provisions set forth in 2.4.1(B)(1) preceding. (N)

(G) Up to 7 Digit Outpulsing of Access Digits to Customer

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-10XX) to the customer designated premises. The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the customer designated premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. It is available with Feature Group B.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(I) Delay Dial Start-Pulsing Signaling

This option provides a method of indicating to the near end trunk circuit readiness to accept address signaling information by the far end trunk circuit. Delay dial is often referred to as an off-hook, on-hook signaling sequence. The delay dial signal is the off-hook interval and the start-pulsing signal is the on-hook interval. With integrity check, the calling office will not outpulse until a delay dial (off-hook) signal followed by a start-pulsing (on-hook) signal has been identified at the calling office. This option is available with Feature Group C and Feature Group D.

(J) Immediate Dial Pulse Address Signaling

This option provides for the forwarding of dial pulses from the Telephone Company end office to the customer without the need of a start-pulsing signal from the customer. It is available with Feature Group C.

(K) Dial Pulse Address Signaling

This trunk side option provides for the transmission of number information, e.g., called number, between the end office switching system and the customer designated premises (in either direction) by means of direct current pulses. It is available with Feature Group C.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(M) Service Class Routing

This option provides the capability of directing originating traffic from an end office to a trunk group to a customer designated premises, based on the line class of service (e.g., coin, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+, 01+ or 011+) or service access code (e.g., 800 or 900). It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups C and D.

(N) Alternate Traffic Routing

When the customer orders both Direct-Trunked Transport and Tandem-Switched Transport at the same end office, this option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups C and D.

(O) Trunk Access Limitation

This option provides for the routing of originating 500 and 900 NXX service calls to a specified number of transmission paths in a trunk group, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which could not be completed over the subset of transmission paths in the trunk group, i.e., the choked calls, would be routed to reorder tone. It is provided in all Telephone Company electronic end offices and where available in electromechanical end offices. It is available with Feature Groups C and D.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(P) Call Gapping Arrangement

This option, provided in suitably equipped end office switches, provides for the routing of originating calls to 500 or 900 service to be switched in the end office to all transmission paths in a trunk group at a prescribed rate of flow, e.g., one call every five seconds, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which are denied access by this feature, i.e., the choked calls, would be routed to a no-circuit announcement. It is provided in selected Feature Group D equipped end offices and is available only with Feature Group D.

(Q) International Carrier Option

This option allows for Feature Group D end offices or access tandem switches equipped for International Direct Distance Dialing to be arranged to forward the international calls of one or more international carriers to the customer (i.e., the Telephone Company is able to route originating international calls to a customer other than the one designated by the end user either through presubscription or 101XXXX dialing). This arrangement requires provision of written verification to the Telephone Company that the customer is authorized to forward such calls. The written verification must be in the form of a letter of agency authorizing the customer to order the option on behalf of the international carrier. This option is only provided at Telephone Company end offices or access tandems equipped for International Direct Distance Dialing. It is available with Feature Group D. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(R) Band Advance Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

This option, which is provided in association with two or more Special Access Service groups, provides for the automatic overflow of terminating calls to a second Special Access Service group, when the first group has exceeded its call capacity. This option is available with Feature Groups A, B, C and D.

(S) End Office End User Line Service Screening for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and/or NXX on the basis of geographical bands selected by the Telephone Company) which is in accordance with that end user's service agreement with the customer, e.g., WATS. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices which are designated as WATS Serving Offices. It is available with Feature Groups C and D.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(T) Hunt Group Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

This option provides the ability to sequentially access one of two or more Special Access Services utilized in the provision of WATS or WATS-type services (e.g., 8XX Service Special access services) in the terminating direction, when the hunting number of the Special Access Service group is forwarded from the customer to the Telephone Company. This feature is provided in all Telephone Company designated WATS Serving Offices. It is available with Feature Groups A, B, C, and D.

(U) Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available Special Access Services utilized in the provision of WATS or WATS-type Services in the hunt group. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups A, B, C and D.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(V) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service Utilized in the Provision of WATS or WATS-Type Services

This option provides an arrangement for an individual Special Access Service utilized in the provision of WATS or WATS-type Services within a multiline hunt or uniform call Distribution group that provides access to that Special Access Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups A, B, C and D.

(W) Digital Switched 56 Service

This option provides for a connection between a customer's premise and a suitably equipped end user's premise which uses end office switching and facilities capable of transmitting digital data up to 56 Kilobits per second. Digital Switched 56 Service is only available in appropriately provisioned Feature Group D offices as set forth in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(X) Multifrequency Address Signaling

Multifrequency Address Signaling is available as an optional feature with FGC and FGD. This feature provides for the transmission of number information and control signals (e.g., number address signals, automatic number identification) between the end office switch and the customer's premises (in either direction). Multifrequency signaling arrangements make use of pairs of frequencies out of a group of six frequencies. Specific information transmitted is dependent upon feature group and call type (i.e., POTS, coin or operator). This feature is not available in combination with SS7 signaling.

(Y) Signaling System 7 (SS7) Signaling

This feature provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office switch or the tandem office switching system and the customer's designated premises. The signaling information is transmitted over facilities provided with the Common Channel Signaling/Signaling System 7 Interconnection Service as specified in 6.1.3(A)(3) preceding. This feature is available with FGC and FGD and will be provided in accordance with the SS7 Interconnect specifications described in Technical Reference TR-TSV-000905.

(Z) Calling Party Number (CPN)

This feature provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for calls originating in the LATA. The ten digit telephone number consists of the NPA plus the seven digit telephone number, which may or may not be the same number as the calling station's charge number. The ten digit telephone number will be coded as presented, or restricted via a "privacy indicator" for delivery to the called end user. This feature is provided with originating FGC and FGD with SS7 signaling. CPN is available where technically feasible.

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.1 Common Switching Nonchargeable Optional Features (Cont'd)

(AA) Carrier Selection Parameter (CSP)

This feature provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not the call being processed originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 101XXXX. This feature is provided with originating FGD with SS7 signaling. (C)

(AB) Charge Number Parameter (CN)

The CN Parameter is equivalent to the existing ten digit Automatic Number Identification (ANI) available with FGC where technically feasible and FGD with MF signaling. The CN Parameter provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information. This feature is provided with originating FGC and FGD with SS7 signaling.

6.3.2 Transport Termination Nonchargeable Optional Features

(A) Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the customer designated premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B, only on a directly trunked basis.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.2 Transport Termination Nonchargeable Optional Features (Cont'd)

(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available only with Feature Group C and is provided in electronic end offices and other Telephone Company end offices where equipment is available. It is provided as a trunk type of Transport Termination.

Coin:
This arrangement provides for initial coin return control and routing of 0+, 0-, 1+ or 011+ prefixed originating coin calls requiring operator assistance to the customer designated premises. Because operator assisted coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

The operator assistance coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's manual cord boards.

Non-Coin:
This arrangement provides for the routing of 0+, 0-, 1+ or 011+ prefixed originating non-coin calls requiring operator assistance to the customer designated premises. Because operator assisted non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.2 Transport Termination Nonchargeable Optional Features (Cont'd)

(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

Non-Coin: (Cont'd)
The operator assistance non-coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's manual cord boards. When so equipped, the ANI feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

Combined Coin and Non-Coin:
This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating operator assisted coin and non-coin calls requiring operator assistance to the customer designated premises. Because operator assisted coin and non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.2 Transport Termination Nonchargeable Optional Features (Cont'd)

(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

Combined Coin and Non-Coin: (Cont'd)
This arrangement is normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's operator services systems, rather than in the customer's manual cord boards. When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

(C) Operator Trunk - Full Feature

This option provides the initial coin return control function to the customer's operator. It is available with Feature Group D and is provided as a trunk type for Transport Termination. This feature is not available with SS7 signaling.

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.3 Chargeable Optional Features

(A) 500 and 900 NXX Access Service

The 500 and 900 NXX Access Service optional feature is an originating offering utilizing trunk side Switched Access Service. The service provides a customer identification function based on the dialed SAC and NXX code.

When an 1+SAC+NXX-XXXX call is originated by an end user, the Telephone Company will perform the customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. If the call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an office at which the function is available. Once customer identification has been established, the call will be routed to the customer. Calls originating from an end office switch at which the customer identification function is performed, but to which the customer has not ordered 500 or 900 Access Service, will be blocked.

When a customer requests that the Telephone Company open the SAC and any associated NXXs within a specified LATA, the order must include the provisioning of all offices within the LATA.

Calls to a 500 or 900 number dialed via 1+ from coin telephones, 0-, 101XXXX, Inmate Service, and Hotel/Motel Service will be blocked. Calls to a 900 number dialed via 0+ will normally be blocked. Orders received from customers to unblock 0+ calls to a 500 or 900 number will be accommodated where suitably equipped facilities exist. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.3 Chargeable Optional Features (Cont'd)

(A) 500 and 900 NXX Access Service (Cont'd)

The manner in which 500 or 900 NXX Access Service is provided is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access capabilities or not equipped with equal access capabilities). When 500 or 900 NXX Access Service is provided from an end office equipped with equal access capabilities, all such service will be provisioned in accordance with the technical characteristics available with Feature Group D (FGD) (i.e., technical specifica-tions, Telephone Company switch and customer premises interfaces, design blocking criteria, address signaling, etc). When 500 or 900 NXX Access Service is provided from an end office not equipped with equal access capabilities, such service will be provisioned in accordance with the technical characteristics available with Feature Group C (FGC).

Unless prohibited by technical limitations, (e.g., different dialing plans), the customer's 500 or 900 NXX Access Service traffic may, at the option of the customer, be combined in the same trunk group arrangement with thecustomer's non-500 or 900 NXX Access Service traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for 500 or 900 NXX Access Service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.3 Chargeable Optional Features (Cont'd)

(B) 8XX Data Base Access Service

The 8XX Data Base Access Service optional feature is an originating offering utilizing trunk side Switched Access Service. The service provides carrier selection and optional vertical services based on the dialed 8XX number.

When a 1+8XX+NXX-XXXX call is originated by an end user, the Telephone Company will perform the carrier selection function by querying a data base to determine the customer to whose point of termination the call is to be delivered. Unless the customer has ordered optional vertical services, as described in 6.1.2(C) (2) preceding, it is then the responsibility of the customer to perform any further translation the subscriber deems necessary and route the call. Calls to 8XX numbers, for which a data base query returns a carrier identification for a carrier that has not ordered Switched Access Service, will be blocked.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.3 Chargeable Optional Features (Cont'd)

(C) Common Channel Signaling/Signaling System 7 Network Connection Service (CCSNC)

Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection Service (CCSNC), which is available with Feature Group C and D, where technically feasible as designated in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC TARIFF FCC NO. 4, WIRE CENTER INFORMATION, provides a signaling path between a customer's designated Signaling Point of Interface (SPOI) and a Signaling Transfer Point (STP). This service provides customers with the use of a two-way signaling path for accessing information necessary for the completion of their end user's calls.

CCS/SS7 Network Connection Service is comprised of two rate elements; a Signaling Network Access Link (SNAL) and a Signaling Transfer Point (STP) Port. The SNAL is provided as a dedicated 56 Kbps out-of-band signaling connection between the customer's SPOI and the STP port on the STP.

The CCS/SS7 Network Connection Service is provisioned by a mated pair of STPs as described in Technical Reference TR-TSV 000905 in order to ensure network availability and reliability. The Telephone Company shall not be held liable for service outages if the customer employs technology related to the interconnection of signaling networks that does not adhere to generally accepted industry technical standards.

When CCS/SS7 Network Connection service is provisioned for use with SS7 Signaling, interconnection between signaling networks must occur at an STP.

Rates and charges for the CCS/SS7 Network Connection STP Ports and Signaling Network Access Links are contained in 6.8.1(C) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.3 Chargeable Optional Features (Cont'd)

(D) CIC and OZZ Signaling Information (COSI)

CIC and OZZ Signaling Information is only available with Feature Group D Direct-Trunked Transport, as set forth in 6.1.2(A)(2) preceding, ordered from an equal access end office switch. It is not available from the Telephone Company access tandem.

CIC and OZZ Signaling Information provides the Carrier Identification Code (CIC) and OZZ digits needed to perform tandem switching functions for switched transport services. This signaling information can be ordered: (1) as multifrequency (MF) address signaling or (2) where technically feasible, as CCS/SS7 signaling. For customers ordering the CCS/SS7 signaling option, out of band signaling interconnection is required at the STP level as offered in this tariff through its Common Channel Signaling Network Connection (CCSNC) service, which is described in 6.3.3(C) preceding.

When the Telephone Company's customer of record (COR) selects the CIC and OZZ Signaling Information option for 2-way Direct-Trunked Transport service, the Alternate Tandem Switching Provider (ATSP) that provides the tandem switching function shall record the terminating traffic on behalf of the Telephone Company, as specified in a Letter of Agreement. The originating traffic shall be recorded by the Telephone Company's originating end office.

The Letter of Agreement, which shall be mutually agreed upon by the ATSP and the Telephone Company, shall include: (1) the ATSP's obligations regarding frequency, delivery, timing, and testing of terminating usage tapes (or other automated transmission); (2) audit provisions; (3) dispute/discrepancy resolution; and (4) penalties imposed on the ATSP for untimely usage transmission which results in delayed Telephone Company revenue. The Telephone Company shall work cooperatively with the ATSP to develop a Letter of Agreement. The Telephone Company shall provide 30-day written notice of any changes to the Letter of Agreement.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.3 Chargeable Optional Features (Cont'd)

(D) CIC and OZZ Signaling Information (COSI) (Cont'd)

In cases involving the above-mentioned Letter of Agreement, the ATSP is responsible for recording all terminating traffic of 2-way Direct-Trunked Transport service when the CIC and OZZ Signaling Information option is also selected and providing this data on an industry standard terminating usage tape (or other automated transmission) to the Telephone Company. The Telephone Company shall bill the customer of record for the terminating portion of the 2-way service. The data format of this ATSP-provided usage tape (or other automated transmission) must conform to Detail Category 11 Exchange Message Records (Detail Cat. 11 EMR) as described in the Bellcore Practice BR 010-200-010, "CRIS Exchange Message Record."

If the ATSP performing the tandem switching function can not or does not enter into a Letter of Agreement regarding special recording arrangements, the customer shall order 1-way Direct-Trunked Transport service with the CIC and OZZ Signaling Information option for originating traffic and a separate 1-way Direct-Trunked Transport service for terminating traffic. All originating traffic for this 1-way Direct-Trunked Transport service shall be recorded by the Telephone Company's originating end office and billed to the originating end user's presubscribed interexchange carrier (PIC). All terminating traffic for the separate 1-way Direct-Trunked Transport service shall be recorded by the Telephone Company's terminating end office and billed to the customer of record.

Rates and charges for the CIC and OZZ Signaling Information are contained in 6.8.1(D) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.3 Chargeable Optional Features (Cont'd)

(E) Operator Transfer Service

At the option of the customer, Operator Transfer Service as specified following, is available for use with Feature Group C and Feature Group D Switched Access Service. Operator Transfer Service is ordered as set forth in 5.2 preceding and is provided to the customer via separate FGC or FGD trunks dedicated to Operator Transfer Service traffic.

Operator Transfer Service is an arrangement in which Telephone Company operators transfer 0 minus (0-) calls (calls for which the end user dials 0 with no additional digits) to the customer designated by the end user.

The operator transfer function will be performed in the following manner:

- The operator answers the 0- call.

- Initially, the Operator will suggest that the end user dial the customer on a direct basis. If the end user insists that the Operator transfer the call, the Operator will ask the end user to identify the desired customer and will then transfer the call as directed.

- If the end user has no preference, or the identified customer has not subscribed to Operator Transfer Service, the end user will be asked to select from a list of available customers.

6. Switched Access Service (Cont'd)

6.3 Chargeable and Nonchargeable Optional Features (Cont'd)

6.3.3 Chargeable Optional Features (Cont'd)

(E) Operator Transfer Service (Cont'd)

The list of available Operator Transfer Service customers will be updated monthly. The order in which customers will be read to end users will be initially determined by the sequence in which customers have ordered the Operator Transfer Service. For each subsequent month, following the initial order for Operator Transfer Service, the customer in the first position on the list will be moved to the last position on the list. All other customers on the list will be moved up one position, e.g. 3rd to 2nd, 2nd to first, etc. New Operator Transfer Service customers will initially be placed at the bottom of the list of customers.

All non-recurring and usage sensitive rates and charges normally applicable to Feature Groups C or D apply to Operator Transfer Service. Additionally, a charge as specified in 6.1.2(C)(4) preceding and 6.8.6 following, is assessed the customer per 0 minus call transferred.

(F) Clear Channel Capability (CCC) (N)(x)

CCC is available only with Feature Group D (FGD) Direct-Trunked Transport and is provided, subject to availability of facilities, as identified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

No charge applies when the CCC optional feature is ordered at the same time the Direct-Trunked FGD High Capacity Service is ordered. If the CCC optional feature is ordered as an addition to an existing High Capacity service, a nonrecurring charge is applicable as set forth in 6.8.1(D)(3) following. The customer must agree to out-of-service periods required to add this optional feature to an existing High Capacity Service.

The removal of the CCC optional feature from an existing High Capacity Service will be treated as a discontinuance of the existing service and an installation of new service. All associated nonrecurring installation charges will apply for the new service. A new minimum period will be established for the new service. (N)(x)

(x) Issued on not less than 1 days notice under Special Permission No. 96-798.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 15.2.1 following. Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 15.2.2(A) or 15.2.2(B) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this tariff.

The transmission specifications concerning Switched Access Service are immediate action limits and are set forth in 15.2 following. Acceptance limits are set forth in Technical Reference TR-NPL-000334. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company

In addition to the obligations of the Telephone Company set forth in 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

6.5.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(B)(3) preceding.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.2 Design and Traffic Routing of Switched Access Service

(A) Feature Groups A and B

For Feature Groups A and B, the line or trunk directionality and traffic routing of the Switched Access Service between the customer's premises and the entry switch are determined by the customer's order for service. Additionally, for Feature Group B the customer may order the optional feature Customer Specification of Local Transport Termination.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.2 Design and Traffic Routing of Switched Access Service (Cont'd)

(B) Feature Group C

For Feature Group C, the Telephone Company shall design and determine the routing of Switched Access Service. Additionally, for Tandem-Switched Transport the Telephone Company will design and determine the routing from the first point of switching to the end office. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment.

Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and actual traffic patterns.

(C) Feature Group D

For Feature Group D, the Telephone Company shall design and determine the routing of Tandem-Switched Transport service, including the selection of the first point of switching and the selection of facilities from the interface to any switching point and to the end offices where busy hour minutes of capacity are ordered. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.2 Design and Traffic Routing of Switched Access Service (Cont'd)

(C) Feature Group D (Cont'd)

For Feature Group D Direct-Trunked Transport service, the Telephone Company will determine the routing of switched access service from the point of interface to the first point of switching or, if the customer specifies one or more hub locations for multiplexing, from the point of interface to the hub location, from one hub location to another hub location, and/or from a hub location to the first point of switching.

Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and actual traffic patterns.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage, failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.5.4 Trunk Group Measurement Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.5 Determination of Number of Transmission Paths

For Feature Groups A and B which are ordered on a per line or per trunk basis respectively, and Feature Groups C and D when ordered on a per trunk basis, the customer specifies the type of transport facilities and the number of channels in the order for service. For Tandem-Switched Transport, the Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the Switched Access Feature Group C or D busy hour minutes of capacity ordered. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between a customer's premises and a Telephone Company location. The number of transmission paths will be developed using the total busy hour minutes of capacity by type (as described in 6.1.1(E) preceding) for the end offices for each Feature Group ordered from a customer's designated premises. The total busy hour minutes of capacity by type for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of end office switches only, or (3) the use of tandem switches only.

6.5.6 Determination of Number of End Office Transport Terminations

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches, an equivalent termination will be provided for each transmission path provided.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.7 Design Blocking Probability

The Telephone Company will design the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth in (A) through (D) following.

(A) For Feature Groups A and B no design blocking criteria apply.

(B) For Feature Group C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.

(C) For Feature Group D, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. Standard traffic engineering methods as set forth in reference document Telecommunications Transmission Engineering - Volume 3 - Networks and Services (Chapters 6-7) will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.

(D) The Telephone Company will perform routine measurement functions except on Feature Groups A and B, to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity or trunks) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Obligations of the Telephone Company (Cont'd)

6.5.7 Design Blocking Probability (Cont'd)

(D) (Cont'd)

(1) For transmission paths carrying only first routed traffic direct between an end office and customer's designated premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

(2) For transmission paths carrying first routed traffic between an end office and customer's premises via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer

In addition to the obligations of the customer set forth in 2. preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

6.6.1 Report Requirements

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

(A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.10 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the interstate charges is set forth in 2.3.11 preceding.

(B) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

(C) Media Stimulated Mass Calling

When Switched Access Service is utilized to provide services for which a substantial call volume is antici pated during a short period of time (e.g., 800, 900, etc. calls placed in response to television and radio advertising), the customer shall provide notification of such an event to the Telephone Company at least 24 hours in advance of the peak period. Such notification shall be to the Telephone Company's Interexchange Carrier Service Center and shall include the nature, time, duration and frequency of the event, the estimated call volume and the telephone number(s) to be used.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Customer (Cont'd)

6.6.2 Supervisory Signaling

The customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

6.6.3 Trunk Group Measurement Reports

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access Service.

6.7.1 Description and Application of Rates and Charges

There are three types of rates and charges that apply to Switched Access Service. These are monthly recurring rates, usage rates and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth in (D) following.

(A) Monthly Rates

Monthly rates are recurring, and apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis. Access minute charges are accumulated over a monthly period.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service, 500 and 900 NXX translation optional feature, and service rearrangements.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For FGA and FGB, which are ordered on a per line or trunk basis respectively, the charge is applied per line or trunk. For FGC and FGD, when ordered on a per trunk basis, the charge is applied on a per trunk basis. For FGC and FGD, when ordered on a busy hour minutes of capacity basis, the charge is also applied on a per trunk basis but the charge applies only when the capacity ordered requires the installation of an additional trunk(s).

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(2) 500 and 900 NXX Translation Optional Feature

This nonrecurring charge applies to the initial order for the installation of the 500 or 900 NXX Translation optional feature with Feature Group C or Feature Group D Switched Access Service and for each subsequent order received to add or change NXX translation codes. This charge, if applicable, applies whether this optional feature is installed coincident with or at any time subsequent to the installation of Switched Access Services. This charge is applied by the Telephone Company on a per SAC order basis as specified in 6.1.2(C)(1)(a) preceding, regardless of the number of NXX codes specified on the order.

(3) Service Rearrangements

All changes to existing services other than changes involving administrative activities and the off-hook supervisory signalling of FGA Access Services, will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in (1) preceding will apply for this work activity. Moves that change the physical location of the point of termination are described and charged for as set forth in 6.7.6 following.

- If, due to technical limitations of the Telephone Company, a customer could not combine its 500, 8XX or 900 Access Service traffic with its other trunk side Switched Access Services, no charge shall apply to combine these trunk groups when it becomes technically possible.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing date (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction

Changes to the point in time when the off-hook supervisory signal is provided in the originating call sequence i.e., when the off-hook supervisory signal is changed from being provided by the customer's equipment before the called party answers to being forwarded by the customer's equipment when the called party answers or vice versa, are subject to the nonrecurring charge as set forth in 5.2.2(A) preceding.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

For additions, changes or modifications to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

For additions of or modifications to optional features that do not have their own separate nonrecurring charges, the nonrecurring charge as set forth in (1) preceding will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

For conversion of FGC and FGD trunks from multifrequency address signaling to SS7 signaling or from SS7 signaling to multifrequency address signaling, nonrecurring charges will apply as set forth in 6.8.1(C)(3).

When a customer requests a change of trunks from tandem-switched transport to direct-trunked transport or orders the disconnection of over-provisioned trunks, the nonrecurring charges set forth in (1) preceding do not apply provided: (N)(y)

- the change is ordered anytime between June 17, 1997, and December 31, 1998, and

- the change is completed no later than March 31, 1999, and

- the orders to disconnect existing trunks and to connect the new trunks are placed at the same time. (N)(y)

(y) Filed under authority of F.C.C. Special Permission No. 97-192 to be effective July 1, 1997.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates

Rates are applied either as premium rates or transitional rates. Transitional rates are discounted access minute rates for measured or assumed access minutes.

The application of these rates is dependent upon the Feature Group and the availability of equal access capabilities in the end office to which the service is provided.

The following rules provide the basis for applying the rates and charges:

(1) Premium rates apply to all FGC access minutes when the service is provided to customers which furnish interstate MTS/WATS, and to all access minutes that originate or terminate at end offices equipped with equal access (i.e., FGD) capabilities. In addition, premium rates apply to FGB access minutes when utilized in the provision of MTS/WATS service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(2) Transitional rates (i.e., discounted access minute rates) apply to all FGA and FGB access minutes (measured or assumed) originating or terminating in an end office which is not equipped with equal access capabilities. In addition, transitional rates apply to FGC access minutes originating in an end office which is not equipped with equal access capabilities when the FGC service is used in conjunction with 500, 8XX or 900 Access Service, by customers who do not furnish interstate MTS/WATS.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(3) When FGA or FGB Switched Access Service except as set forth in (1) preceding provided to an entry switch (i.e., dial tone office for FGA and access tandem for FGB) has usage originating from and/or terminating at both end offices that have been converted to equal access and end offices that have not been converted, the premium and non-premium transitional rates will apply in the following manner:

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(3) (Cont'd)

(a) All access minutes that originate from or terminate at the equal access end office(s) will be billed at premium rates. Access minutes that originate from or terminate at end offices not equipped with equal access capabilities, hereinafter referred to as non-premium access minutes, will continue to be billed at non-premium transitional rates. Non-premium transitional rates will apply as follows depending on the type of service.

(i) For FGA and FGB services, the number of non-premium access minutes to be billed at transitional rates is derived by subtracting the number of premium rated access minutes from the total number of access minutes.

(ii) Premium access minutes will be determined as set forth in (b) following. (T)

(b) The number of access minutes to be rated as premium access minutes is determined as follows:

(i) Where end office specific usage data is available, premium rates apply to the measured access minutes originating from or terminating at the equal access end office(s).

(ii) Where end office specific usage data is not available for originating and/or terminating FGA, the total originating and/or terminating usage will be measured or assumed usage at the entry switch as set forth in 6.7.7 following. FGA originating and/or terminating usage will (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(3) (Cont'd)

(b) (Cont'd)

(ii) then be apportioned between premium and non-premium access minutes in the following manner. For originating usage, develop the ratio of the number of subscriber lines in the local calling area of the entry switch that are served by equal access end offices to the total number of subscriber lines in that local calling area. For terminating usage, develop the ratio of the number of subscriber lines in the valid calling area of the entry switch that are served by the equal access end offices to the total number of subscriber lines in that valid calling area. Then apply these ratios to the total number of subscriber lines in that valid calling area. Then apply these ratios to the total number of originating and/or terminating FGA access minutes respectively to determine the usage to be billed at premium rates, unless adjusted as set forth in (iv) following. The local calling area of the entry switch is as defined in the Telephone Company's local and/or general exchange service tariff. The valid calling area of the entry switch is as defined in the Telephone Company's interstate access service tariff. For purposes of administering this regulation, subscriber lines are defined as exchange service lines, Centrex lines and Centrex-type lines provided by the Telephone Company under its local and/or general exchange service tariff.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(3) (Cont'd)

(b) (Cont'd)

(iii) Where end office specific usage data is not available for originating and/or terminating FGB, the total originating and/or terminating usage will be measured or assumed usage at the entry switch (i.e. access tandem) as set forth in 6.7.7 following. FGB originating and/or terminating usage will then be apportioned between premium and non-premium access minutes in the following manner. First, develop the ratio of the number of subscriber lines provided to end offices subtending the access tandem that are serviced by equal access end offices to the total number of subscriber lines in all end offices subtending the access tandem. Then apply this ratio to the total number of originating and/or terminating FGB access minutes to deter mine the usage to be billed at premium rates, unless adjusted as set forth in (iv) following. For purposes of admin istering this regulation, subscriber lines are defined as exchange service lines, Centrex lines and Centrex-type lines provided by the Telephone Company under its local and/or general exchange service tariff.

The ratio used to calculate the premium usage as set forth in (ii) and (iii) preceding will be determined on a quar terly basis and provided to the customer with the last bill rendered for

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(3) (Cont'd)

(b) (Cont'd)

(iii)(Cont'd)

the preceding quarter or mailed separately within five working days after the first day of the new quarter. A quarter is defined for these purposes as beginning on the first day of January, April, July or October.

(iv) Where FGD Switched Access Service is provided to a customer in an end office(s) where that customer's premium access minutes have been determined in accordance with (ii) and (iii) preceding, such premium access minutes will be adjusted in the following manner. For each FGD access minute originating and/or terminating from that end office, the premium access minutes as set forth in (ii) and (iii) preceding will be reduced on a one for one basis, but in no event shall the reduction exceed the total number of premium access minutes as set forth in (ii) and (iii) from that end office. The customer will be billed for the revised number of premium access minutes.

(c) Where originating and/or terminating measurement capability does not exist for Feature Group A or Feature Group B Switched Access Services provided to an entry switch, the number of access minutes that will be assumed are as set forth in Section 6.7.7 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(3) (Cont'd)

(c) (Cont'd)

The Telephone Company will provide written notification to all access customers of record within a particular LATA that an end office in that LATA is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each customer of record in the LATA where the conversion is scheduled to occur, at least six months in advance of the conversion date.

The customer will have the choice of con verting existing services to equal access (i.e., Feature Group D) or retaining the existing services. The conversion of existing services will be at no charge provided the order to convert such services to Feature Group D is received as set forth in 6.7.5 following. Premium rates will apply to the total access minutes beginning on the actual conversion date, whether the customer chooses to convert to FGD or retain existing services.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(4) Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Connection

The CCS/SS7 Network Connection is comprised of a Signaling Mileage Facility charge, a Signaling Mileage Termination charge, a Signaling Entrance Facility charge, and a Signaling Transfer Point (STP) Port charge.

The Signaling Mileage Facility charge is assessed on a per facility per mile basis. The Signaling Mileage Termination charge is assessed on a per termination basis (i.e., at each end of the Signaling Mileage Facility). When the Signaling Mileage Facility mileage measurement is zero, Signaling Mileage Termination charges do not apply.

The Signaling Entrance Facility charge is assessed on a per facility basis for the connection between the customer's designated premises (Signaling Point of Interface) and the serving wire center of that premises. This charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building.

The STP Port charge is assessed on a per port basis for each termination of a Signaling Network Access Link at an STP.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(5) CIC and OZZ Signaling Information (COSI)

The rates applicable to CIC and OZZ Signaling Information are nonrecurring charges based on the signaling method selected (MF or CCS/SS7). The rates are applied only to the customer of record's initial order for COSI.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.5 Change of Feature Group Type

Changes from one type of Feature group to another will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with one exception. When a customer upgrades a Feature Group A or B service to a Feature Group D service and when Feature Group C is upgraded to Feature Group D coincident with the availability of Feature Group D in an end office, the nonrecurring charges will not apply and minimum period obligations will not change, i.e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for Feature Group D service, subject to the following limitations. In order to avoid the imposition of nonrecurring charges a customer which is a participant in the presubscription allocation process (i.e., is on the presubscription ballot) must (1) submit its order to disconnect Feature Group A and/or B within 30 days after the date the results of the final allocation of customers in an end office are actually received by the customer, and (2) make the effective date for disconnection of the Feature Group A and/or B Access Services no later than 60 days after the final allocation results are received by the customer. A customer which is not a participant in the allocation process (i.e., is not on the presubscription ballot) is subject to the same rules preceding. The time frames for the nonparticipating customer(s) are the same as those which apply to the last customer to receive the results of the final allocation of customers in an end office who is a participant in the allocation process. For all other changes from one type of Feature Group to another, new minimum period obligations will be established.

6.7.6 Moves

A move involves a change in the physical location of one of the following:

- The point of termination at the customer's premises
- The customer's premises

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.6 Moves (Cont'd)

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring charge for the capacity affected. There will be no change in the minimum period requirements.

(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

6.7.7 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes. If customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer messages and associated revenue based on previously known values.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Measuring Access Minutes (Cont'd)

For terminating calls over FGA and FGB, FGC to 8XX and FGD and for originating calls over FGA (when the off-hook supervisory signal is provided by the customer's equipment before the called party answers), and FGB and FGD, the measured minutes are the chargeable access minutes. For originating calls over FGA (when the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers), and FGC, chargeable originating access minutes are derived from recorded minutes in the following manner:

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Measuring Access Minutes (Cont'd)

Step 1: Obtain recorded originating minutes and messages, measured as set forth in (C) following for FGA, when the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers and for FGC as set forth in (E) following from the appropriate recording data.

Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR) are obtained separately for the major call categories such as DDD, operator, 500, 700, 8XX, 900, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgement from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.

Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incompleted attempts. The total NCTA is the time on a completed attempt from customer acknowledgement of receipt of call to called party answer (set up and ringing) plus the time on an incompleted attempt from customer acknowledgment of call until the access tandem or end office receives a disconnect signal (ring - no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.

Step 4: Obtain total chargeable originating access minutes by adding the total NCTA (obtained in Step 3) to the recorded originating measured minutes (obtained in Step 1). That is, Measured Minutes plus NCTA equals Chargeable Originating Access Minutes.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Measuring Access Minutes (Cont'd)

Following is an example which illustrates how the chargeable originating access minutes are derived from the measured originating minutes using this formula.

Where: Measured Minutes (M. Min.) = 7,000
Measured Messages (M. Mes.) = 1,000
Completion Ratio (CR) = 75
NCTA per Attempt = .4

(1) Total Attempts = $\frac{1{,}000(\text{M. Mes})}{.75(\text{CR})}$ = 1,333.33

(2) Total NCTA = .4 (NCTA per Attempt) x 1,333.33 = 533.33

(3) Total Chargeable Originating Access Minutes = 7,000 (M. Min) + 533.33(NCTA) = 7,533.33

When assumed minutes are used, the assumed minutes are the chargeable access minutes.

FGA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. FGB, FGC and FGD access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

Assumed minutes are used for FGA services which originate or terminate in end offices not equipped with measurement capabilities.

The assumed average access minutes used for services originating or terminating in offices where measurement capability does not exist are set forth in (A) following for Feature Group A Services, and in (B) following for Feature Group B Services.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Measuring Access Minutes (Cont'd)

(A) Where originating and terminating measurement capability does not exist for Feature Group A provided to an entry switch, the number of access minutes will be assumed to be 4195 access minutes per line per month when the line is arranged for two way calling (1510 originating and 2685 terminating).

Where measurement capability exists for either originating or terminating usage, but not both, on a line arranged for two way calling, the number of access minutes per line per month will be an assumed 4195 or the measured usage, whichever is greater. If the usage in the measured direction exceeds 4195 access minutes per line per month, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 4195 access minutes per line per month, the usage in the unmeasured direction will be the assumed usage for that unmeasured direction except that the total of measured and assumed minutes not to exceed the total assumed usage of 4195 access minutes designated for two way calling. If the total exceeds 4195 access minutes the assumed minutes shall be reduced so that the total of measured and unmeasured minutes equals 4195 access minutes.

Additionally, when the line is arranged for one way calling and there is no measurement capability for that direction, 1510 access minutes per month will be assumed for originating calling only lines and 2685 access minutes per month will be assumed for terminating calling only lines.

Notwithstanding the preceding, when Feature Group A is used for the provision of WATS-type service where measurement capability exists at the WATS Serving Office but not at the Feature Group A entry switch, the measured WATStype originating and/or terminating minutes of use shall be separately summed and compared to their respective total assumed originating and/or teriminating minutes of use. The number of access minutes per line per month will be the assumed or the measured usage, whichever is greater.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Measuring Access Minutes (Cont'd)

(B) Where originating and terminating measurement capability does not exist for Feature Group B provided to an entry switch, the number of access minutes will be assumed to be 8700 access minutes per line per month when the trunk is arranged for two way calling (3132 originating and 5568 terminating).

Where measurement capability exists for either originating or terminating usage, but not both, on a trunk arranged for two way calling, the number of access minutes per trunk per month will be an assumed 8700 or the measured usage, whichever is greater. If the usage in the measured direction exceeds 8700 access minutes per trunk per month, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 8700 access minutes per trunk per month, the usage in the unmeasured direction will be assumed usage for that unmeasured direction except that the total of measured and assumed minutes not to exceed the total assumed usage of 8700 access minutes designated for two way calling. If the total exceeds 8700 access minutes the assumed minutes shall be reduced so that the total of measured and unmeasured minutes equals 8700 access minutes.

Additionally, when the trunk is arranged for one way calling and there is no measurement capability for that direction, 3132 access minutes per month will be assumed for originating calling only lines and 5568 access minutes per month will be assumed for terminating calling only lines.

Notwithstanding the preceding, when Feature Group B is used for the provision of WATS or WATS-type service where measurement capability exists at the WATS Serving Office but not at the Feature Group B entry switch, the measured WATS or WATS-type originating and/or terminating minutes of use shall be separately summed and compared to their respective total assumed originating and/or terminating minutes of use. The number of minutes per trunk per month will be the assumed or the measured usage, whichever is greater.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Measuring Access Minutes (Cont'd)

(C) Feature Group A Usage Measurement

For originating calls over FGA, usage measurement begins when the originating FGA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination. This off-hook signal may be provided by the customer's equipment before the called party answers, or forwarded by the customer's equipment when the called party answers.

The measurement of originating call usage over FGA ends when the originating FGA entry switch receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGA, usage measurement begins when the terminating FGA entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over FGA ends when the terminating FGA entry switch receives an on-hook supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(D) Feature Group B Usage Measurement

For originating calls over FGB, usage measurement begins when the originating FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Measuring Access Minutes (Cont'd)

(D) Feature Group B Usage Measurement (Cont'd)

The measurement of originating call usage over FGB ends when the originating FGB entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGB, usage measurement begins when the terminating FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGB ends when the terminating FGB entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(E) Feature Group C Usage Measurement

For originating calls over FGC provided with Multi-Frequency Signaling, usage measurement begins when the originating FGC entry switch receives answer supervision from the customer's point of termination, indicating the called party has answered.

For originating calls over FGC provided with Signaling System 7 (SS7) Signaling when the FGC end office is not routed through an access tandem for connection to the customer, usage measurement begins when the SS7 Initial Address Message is sent from the Service Switching Point (SSP) to the Service Transfer Point (STP).

For originating calls over FGC provided with Signaling System 7 (SS7) Signaling when the FGC end office is routed through a tandem for connection to the customer, usage measurement begins when the FGC end office receives the SS7 Exit Message from the tandem.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Measuring Access Minutes (Cont'd)

(E) Feature Group C Usage Measurement (Cont'd)

The measurement of originating call usage over FGC provided with Multi-Frequency Signaling ends when the originating FGC entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

The measurement of originating call usage over FGC provided with SS7 Signaling ends when the originating FGC end office receives an SS7 Release Message indicating either the originating or terminating end user has disconnected.

For terminating calls over FGC to services other than 500, 8XX or 900 Service or Directory Assistance, if terminating FGC usage is not directly measured at the terminating entry switch, then it is imputed from originating usage, excluding usage from calls to 500, 8XX or 900 Service or Directory Assistance Services.

For terminating calls over FGC with Multi-Frequency Signaling to 8XX Service, usage measurement begins when the terminating FGC entry switch receives answer supervision from the terminating end user's end office, indicating the terminating 8XX Service end user has answered.

The measurement of terminating call usage over FGC to 8XX Service ends when the terminating FGC entry switch receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating 8XX Service end user has disconnected, or from the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGC with SS7 signaling, usage measurement begins when the terminating recording switch receives answer supervision from the terminating end user. The Telephone Company switch receives answer supervision and sends the indication to the customer in the form of an answer message. The measurement of terminating FGC call usage ends when the entry switch receives or sends Release Message, whichever occurs first.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Measuring Access Minutes (Cont'd)

(F) Feature Group D Usage Measurement

For originating calls over FGD provided with Multi-Frequency Signaling, usage measurement begins when the originating FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination.

For originating calls over FGD provided with Signaling System 7 (SS7) Signaling when the FGD end office is not routed through an access tandem for connection to the customer, usage measurement begins when the SS7 Initial Address Message is sent from the Service Switching Point (SSP) to the Service Transfer Point (STP).

For originating calls over FGD provided with Signaling System 7 (SS7) signaling when the FGD end office is routed through a tandem for connection to the customer, usage measurement begins when the FGD end office receives the SS7 Exit Message from the tandem.

The measurement of originating call usage over FGD provided with Multi-Frequency Signaling ends when the originating FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

The measurement of originating call usage over FGD provided with SS7 Signaling ends when the originating FGD end office receives an SS7 Release Message indicating either the originating or terminating end user has disconnected.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.7 Measuring Access Minutes (Cont'd)

(F) Feature Group D Usage Measurement (Cont'd)

For terminating calls over FGD provided with Multi-Frequency Signaling, the measurement of access minutes begins when the terminating FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over FGD ends when the terminating FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGD with SS7 signaling, usage measurement begins when the terminating recording switch receives answer supervision from the terminating end user. The Telephone Company switch receives answer supervision and sends the indication to the customer in the form of an answer message. The measurement of terminating FGD call usage ends when the entry switch receives or sends a release message, whichever occurs first.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.8 Network Blocking Charge for Feature Group D

The customer will be notified by the Telephone Company to increase its capacity (busy hour minutes of capacity or quantities of trunks) when excessive trunk group blocking occurs on groups carrying Feature Group D traffic and the measured access minutes for that hour exceed the capacity purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on time consistent, hourly measurements over a 30 day period excluding Saturdays, Sundays and national holidays. If the order for additional capacity has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth in 6.8.1(C) following, for each overflow in excess of the blocking threshold when (1) the average "30 day period" overflow exceeds the threshold level for any particular hour and (2) the "30 day period" measured average originating or two-way usage for the same clock hour exceeds the capacity purchased.

Blocking Thresholds

Trunks in Service	1%	1/2%
1-2	.070	.045
3-4	.050	.035
5-6	.040	.025
7 or greater	.030	.020

The 1% blocking threshold is for transmission paths carrying traffic direct (without an alternate route) between an end office and a customer's premises. The ½% blocking threshold is for transmission paths carrying first routed traffic between an end office and a customer's premises via an access tandem.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.9 Application of Rates for Extension Service

Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different LATA. Feature Group A extensions within the LATA are provided and charged for under the Telephone Company's local and/or general exchange service tariffs. Feature Group A extensions in different LATAs are provided and charged for as Special Access Service. The rate elements which apply are: A Voice Grade Channel Termination, Channel Mileage, if applicable, and Signaling Capability (optional features and functions) if applicable. All appropriate monthly rates and nonrecurring charges set forth in 7.7 following will apply.

6.7.10 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with Feature Group A Switched Access Service are subject to Telephone Company local and/or general exchange service tariff charges (including message unit and toll charges as applicable). The monthly bills rendered to customers for their Feature Group A Switched Access Service will include a credit to reflect any message unit charges collected from their end users under the Telephone Company's local and/or general exchange service tariffs. When the customer is provided FGA service where measurement capability does not exist, the credit will apply to access minutes not to exceed 1510 per line per month. No credit will apply for any terminating FGA access minutes. The message unit credit for originating access minutes will be based on the generally applicable message unit charges of the Telephone Company.

6.7.11 Local Information Delivery Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 6.8 following. In addition, the charges per call as specified under the Telephone Company's local and/or general exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, will also apply.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.12 Mileage Measurement

The mileage to be used to determine the monthly rate for Local Transport is calculated on the airline distance between the end office switch, which may be a remote switching module, (where the call carried by Local Transport originates or terminates) and the customer's serving wire center. When Tandem-Switched Transport or Direct-Trunked Transport is ordered between the serving wire center and the end office, mileage is normally measured in one segment from the serving wire center to the end office. When Direct-Trunked Transport is ordered between a serving wire center and a tandem and Tandem-Switched Transport is ordered between the tandem and the end office, mileage is calculated separately for each segment. Exceptions to these methods are as set forth in (A) through (G) following. For SS7 signaling, the mileage to be used to determine the monthly rate for the Signaling Mileage Facility is calculated on the airline distance between the serving wire center associated with the customer's designated premises (Signaling Point of Interface) and the Telephone Company wire center providing the STP Port. Where applicable, the V&H coordinates method, is used to determine mileage. This method is set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 for Wire Center Information (V&H coordinates).

Mileage rates are set forth in 6.8.1 following. To determine the rate to be billed, first compute the mileage using the V&H coordinates method. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates. Then multiply the mileage by the appropriate rate.

Exceptions to the mileage measurement rules are as follows:

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.12 Mileage Measurement (Cont'd)

(B) The Local Transport mileage for originating or terminating Feature Group A Switched Access Service will be measured in two segments. Direct-Trunked Transport Facility mileage will be measured between the customer's serving wire center and the first point of switching (i.e., the end office switch where the Feature Group A switching dial tone is provided). Tandem-Switched Transport Facility mileage will be measured between the first point of switching and the originating or terminating end office.

(C) When the Alternate Traffic Routing optional feature is provided with Feature Groups C and D, the Local Transport access minutes will be apportioned between the two trunk groups used to provide this feature. Such apportionment will be made using: (1) actual minutes of use, if available, (2) standard Telephone Company traffic engineering methodology and will be based on the last trunk CCS desired for the high usage group, as described in 6.3.1(N) preceding, and the total busy hour minutes of capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch, or (3) until July 1, 1994, a temporary percent direct-routed (PDR) provided by the customer and mutually agreed to by the Telephone Company for end offices that lack capability to measure overflow. This apportionment will serve as the basis for Local Transport calculation.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.12 Mileage Measurement (Cont'd)

(D) When terminating Feature Group C Switched Access Service is provided from multiple customer designated premises to an end office not equipped with measurement capabilities, the total Local Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the basis of the individual busy hour minutes of capacity ordered for each of those trunk groups. This apportionment will serve as the basis for Local Transport mileage calculation.

(E) Mileage for FGA and FGB where originating and/or terminating measurement capability does not exist, will be calculated in the unmeasured direction(s) on an airline basis using the V&H coordinates method. This mileage measurement will be between the first point of switching (end office switch where the switching dial tone is provided) for FGA and the access tandem or end office (to wherever the FGB Service is ordered) for FGB, and the customer's serving wire center for the Switched Access Services.

(F) The Local Transport mileage for Feature Groups B, C and D Switched Access Service provided to a remote office will be measured in multiple segments. When the facility is directly trunked to the host office, Direct-Trunked Facility mileage will be measured between the customer's serving wire center and the host office, and Tandem-Switched Facility mileage will be measured between the host office and the remote office. The Tandem Switching Charge will not apply.

When the facility is directly trunked to a tandem, Direct-Trunked Facility will be measured from the serving wire center to the tandem, Tandem-Switched Facility will be measured from the tandem to the host, and another segment of Tandem-Switched Facility will be measured from the host to the remote. A Tandem Switching Charge will be applicable at the tandem.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.12 Mileage Measurement (Cont'd)

(F) (Cont'd)

When service to the remote is ordered as only Tandem-Switched Facility, mileage will be separately measured between the serving wire center and the host and between the host and the end office. The Tandem Switching Charge will be applicable at the tandem.

(G) When multiplexing is performed at Telephone Company hubs, mileage is computed and rates applied separately for each segment of the Local Transport Direct-Trunked Facility (i.e., customer serving wire center to hub, hub to hub, and/or hub to end office).

6.7.13 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same High Capacity service through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.2.7 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Rate Regulations (Cont'd)

6.7.14 Density Pricing Zones

A system of density pricing has been established wherein each serving wire center and each meet-point with another Telephone Company is assigned to a zone. Services designated as subject to competition may have rates and charges, as set forth in 6.8 following, that vary between zones for the same service.

Direct-Trunked Transport interoffice facilities (Direct-Trunked Transport Facility and Direct-Trunked Transport Termination) between serving wire centers, or between a serving wire center and a meet-point with another Telephone Company, in different density pricing zones shall be rated with the price from the highest priced zone associated with the specific circuit. For originating minutes, Tandem-Switched Transport (Tandem-Switched Transport Facility, Tandem-Switched Transport Termination, and Tandem Switching Charge) shall be rated with the price from the zone associated with the originating end user's serving wire center. For terminating minutes, Tandem-Switched Transport (Tandem-Switched Transport Facility, Tandem-Switched Transport Termination, and Tandem Switching Charge) shall be rated with the price from the zone associated with the terminating end user's serving wire center. Entrance Facility and other zoned switched access services are rated from the serving wire center to which they are connected.

Density pricing zones, applicable to serving wire centers, are identified in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. Meet-points with another Telephone Company are assigned to density pricing zone 3.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges

6.8.1 Local Transport

(A) Rates

(1) Residual Interconnection Charge (RIC)

	Rate
(a) Residual Interconnection Charge	
Terminating Per Access Minute	
- Premium	$.00000000
- Transitional (Non-Premium)	.00000000
Originating Per Access Minute	
- Premium	$.00000000
- Transitional (Non-Premium)	.00000000
(b) Supplemental LEC Transport Charge	
Terminating Per Access Minute	
- Premium	$.00000000
- Transitional (Non-Premium)	.00000000
Originating Per Access Minute	
- Premium	$.00000000
- Transitional (Non-Premium)	.00000000

(2) Access Tandem Direct Trunk Port

	USOC		
Per Trunk Port			
- Voice Grade	ATDTPV	$ 1.75	(I)
- High Capacity DS-1	ATDTPT	$42.00	(I)

(TR36)

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Local Transport (Cont'd)

(A) Rates (Cont'd)

(3) Density Pricing Zone 1

	USOC	Rate	
(a) Entrance Facility Per Termination			
- Voice Grade			
- 2-Wire	T6E2X	$ 16.17	(I)
- 4-Wire	T6E4X	25.97	(I)
- High Capacity DS1	TMECS	89.50	
(b) Direct-Trunked Transport Facility Per Mile			
- Voice Grade	CMFV	$ 1.15	(I)
- High Capacity DS1	CMFT1	11.49	
Termination Per Termination			
- Voice Grade	CMTV	$ 11.78	
- High Capacity DS1	CMTT1	133.00	
(c) Multiplexing Per Arrangement			
- DS1 to Voice	MQ1	$377.90	
(d) Tandem-Switched Transport Facility Per Access Minute Per Mile		$.000063	
Termination Per Access Minute Per Facility Segment		$.001230	
Tandem Switching Charge Per Access Minute Per Tandem		$.001874	
Tandem Switch Multiplexing Charge Per Access Minute Per Multiplexer		$.000035	(I)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Local Transport (Cont'd)

(A) Rates (Cont'd)

(3) Density Pricing Zone 1 (Cont'd)

	USOC	Nonrecurring Charge	
(e) Installation			
- Per Line or Trunk			
- Voice Grade	T6E4X	$213.29	(I)
- High Capacity DS1	TMECS	474.00	
Inside Move			
- Per Line or Trunk			
- Voice Grade	T6E4X	$106.65	
- High Capacity DS1	TMECS	237.00	(I)

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Local Transport (Cont'd)

(A) Rates (Cont'd)

(4) Density Pricing Zone 2

	USOC	Rate	
(a) Entrance Facility Per Termination			
- Voice Grade			
- 2-Wire	T6E2X	$ 16.17	(I)
- 4-Wire	T6E4X	25.97	
- High Capacity DS1	TMECS	94.77	
(b) Direct-Trunked Transport Facility Per Mile			
- Voice Grade	CMFV	$ 1.15	
- High Capacity DS1	CMFT1	11.49	
Termination Per Termination			
- Voice Grade	CMTV	$ 11.78	
- High Capacity DS1	CMTT1	133.00	
(c) Multiplexing Per Arrangement			
- DS1 to Voice	MQ1	$377.90	
(d) Tandem-Switched Transport Facility Per Access Minute Per Mile		$.000158	
Termination Per Access Minute Per Facility Segment		$.001528	
Tandem Switching Charge Per Access Minute Per Tandem		$.001874	
Tandem Switch Multiplexing Charge Per Access Minute Per Multiplexer		$.000046	(I)

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Local Transport (Cont'd)

(A) Rates (Cont'd)

(4) Density Pricing Zone 2 (Cont'd)

	USOC	Nonrecurring Charge	
(e) Installation			
- Per Line or Trunk			
- Voice Grade	T6E4X	$213.29	(I)
- High Capacity DS1	TMECS	474.00	
Inside Move			
- Per Line or Trunk			
- Voice Grade	T6E4X	$106.65	
- High Capacity DS1	TMECS	237.00	(I)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Local Transport (Cont'd)

(A) Rates (Cont'd)

(5) Density Pricing Zone 3

	USOC	Rate	
(a) Entrance Facility Per Termination			
- Voice Grade			
- 2-Wire	T6E2X	$ 16.17	(I)
- 4-Wire	T6E4X	25.97	|
- High Capacity DS1	TMECS	119.23	|
(b) Direct-Trunked Transport Facility Per Mile			|
- Voice Grade	CMFV	$ 1.15	(I)
- High Capacity DS1	CMFT1	12.38	
Termination Per Termination			
- Voice Grade	CMTV	$ 11.78	(I)
- High Capacity DS1	CMTT1	168.54	
(c) Multiplexing Per Arrangement			
- DS1 to Voice	MQ1	$377.90	(R)
(d) Tandem-Switched Transport Facility Per Access Minute Per Mile		$.000153	(R)
Termination Per Access Minute Per Facility Segment		$.002075	
Tandem Switching Charge Per Access Minute Per Tandem		$.001784	(I)
Tandem Switch Multiplexing Charge Per Access Minute Per Multiplexer		$.000042	(I)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Local Transport (Cont'd)

(A) Rates (Cont'd)

(5) Density Pricing Zone 3 (Cont'd)

	USOC	Nonrecurring Charge	
(e) Installation			
- Per Line or Trunk			
- Voice Grade	T6E4X	$213.29	(I)
- High Capacity DS1	TMECS	474.00	|
Inside Move			|
- Per Line or Trunk			|
- Voice Grade	T6E4X	$106.65	|
- High Capacity DS1	TMECS	237.00	(I)

(TR36)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Local Transport (Cont'd)

(B) High Capacity DS3

(1) Density Pricing Zone 1

	USOC	Rate	
(a) Entrance Facility Per Termination			
- Electrical Interface	EF2XX	$1,237.50	(I)
- Optical Interface	EF20X	$1,270.30	
(b) Direct-Trunked Transport Facility Per Mile	CMFT3	$ 114.94	
Termination Per Termination	CMTT3	$ 510.00	
(c) Multiplexing DS3 to DS1 Per Arrangement	MKW3X	$ 279.89	

	USOC	Nonrecurring Charge	
(d) Installation			
- Per Line or Trunk			
- Electrical Interface	EF2XX	$ 430.00	
- Optical Interface	EF20X	$ 430.00	
(e) Inside Move			
- Per Line or Trunk			
- Electrical Interface	EF2XX	$ 215.00	
- Optical Interface	EF20X	$ 215.00	(I)

(TR36)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Local Transport (Cont'd)

(B) High Capacity DS3 (Cont'd)

(2) Density Pricing Zone 2

	USOC	Rate	
(a) Entrance Facility Per Termination			
- Electrical Interface	EF2XX	$1,251.22	(I)
- Optical Interface	EF20X	$1,284.38	
(b) Direct-Trunked Transport Facility Per Mile	CMFT3	$ 114.94	
Termination Per Termination	CMTT3	$ 510.00	
(c) Multiplexing DS3 to DS1 Per Arrangement	MKW3X	$ 279.89	

	USOC	Nonrecurring Charge	
(d) Installation			
- Per Line or Trunk			
- Electrical Interface	EF2XX	$ 430.00	
- Optical Interface	EF20X	$ 430.00	
(e) Inside Move			
- Per Line or Trunk			
- Electrical Interface	EF2XX	$ 215.00	
- Optical Interface	EF20X	$ 215.00	(I)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Local Transport (Cont'd)

(B) High Capacity DS3 (Cont'd)

(3) Density Pricing Zone 3

	USOC	Rate	
(a) Entrance Facility Per Termination			
- Electrical Interface	EF2XX	$1,574.32	(I)
- Optical Interface	EF20X	$1,616.06	
(b) Direct-Trunked Transport Facility Per Mile	CMFT3	$ 129.44	
Termination Per Termination	CMTT3	$ 646.28	
(c) Multiplexing DS3 to DS1 Per Arrangement	MKW3X	$ 279.89	

	USOC	Nonrecurring Charge	
(d) Installation			
- Per Line or Trunk			
- Electrical Interface	EF2XX	$ 430.00	
- Optical Interface	EF20X	$ 430.00	
(e) Inside Move			
- Per Line or Trunk			
- Electrical Interface	EF2XX	$ 215.00	
- Optical Interface	EF20X	$ 215.00	(I)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges

6.8.1 Local Transport

(C) Common Channel Signaling Network Connection

(1) Signaling Network Access Link

	USOC	Monthly Rate	Nonrecurring Charge	
- Signaling Mileage Facility per mile	CMF	$ 1.70		(I)
- Signaling Mileage Termination per termination	CMT	$ 13.00		
- Signaling Entrance Facility per STP Facility	CCA	$ 56.50	$234.50	
(2) STP Port - per port	PT8SX	$759.50		
(3) FGC and FGD Conversion of MF to SS7 Signaling or SS7 to MF Signaling - Per 24 Trunks Converted or Fraction Thereof on a Per Order Basis			$277.00	(I)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Local Transport (Cont'd)

(D) Chargeable Optional Features

(1) CIC and OZZ Signaling Information (COSI)

	USOC	Nonrecurring Charge	
Multifrequency (MF) Signaling + - per customer's initial order	XSSMF	$ 1,971.67	(I)
CCS/SS7 Signaling + (requires STP interconnection) - per customer's initial order	XSSS7	$ 1,971.67	

	Rate Per Call Blocked
(2) Network Blocking Charge +	$0.012304

(3) Clear Channel Capability (CCC)

	USOC	Monthly Rate	Nonrecurring Charge	
Clear Channel Capability - Per 1.544 Mbps Transmission Path	CLR	None	$107.04	(I)

(E) Nonchargeable Optional Features

	FID
(1) Supervisory Signaling	
DX Supervisory Signaling arrangement - Per Transmission Path*	NCI ++DX+
SF Supervisory Signaling arrangement - Per Transmission Path**	NCI ++SF+
E&M Type 1 Supervisory Signaling arrangement - Per Transmission Path*	NCI ++EA+
E&M Type II Supervisory Signaling arrangement - Per Transmission Path*	NCI ++EB+

\+ Applies to FGD
* Available with Interface Groups 1 and 2
** Available with Interface Groups 2 and 6 through 10

(TR36)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.1 Local Transport (Cont'd)

(E) Nonchargeable Optional Features (Cont'd)

		FID
(1) Supervisory Signaling (Cont'd)		
E&M Type III Supervisory Signaling		
- Per Transmission Path*	NCI	++EC+
Tandem Supervisory Signaling		
- Per Transmission Path**	NCI	++EX+
(2) Customer specification of the receive transmission level at the first point of switching within a range acceptable to the Telephone Company		
- Per Transmission Path***	TLV	
(3) Customer specification of Local Transport Termination Four-wire termination in lieu of two-wire termination		
- Per Transmission Path****		LT1++

* Available with Interface Groups 1 and 2 for FGC and FGD.
** Available with Interface Group 2 for FGA.
*** Available with Interface Groups 2 through 10 for FGA and FGB. The range of transmission levels which may be specified is described in Technical Reference TR-NPL-000334.
**** Available with Feature Group B with type B Transmission Performance.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 End Office

(A) Switching

Premium	Rates Per Access Minute	
LS1 - Feature Groups A & B (except: (1) Feature Group B utilized for the provision of MTS/WATS service and (2) Feature Groups A and B when utilized for the provision of terminating inward WATS and WATS-type services at an equal access WATS Serving Office)	$0.005568	(I)
Transitional (Non-Premium)		
Per Access Minute	$0.002507	(I)
LS2 - Feature Groups C & D (including: (1) Feature Group B when utilized for the provision of MTS/WATS service and (2) Feature Groups A and B when utilized for the provision of terminating inward WATS and WATS-type services at an equal access WATS Serving Office)	$0.005568	(I)

(TR36)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 End Office (Cont'd)

(A) Switching (Cont'd)

(1) Local Switching

(a) Common Switching Nonchargeable Optional Features	FID
Call Denial on Line or Hunt Group (available with FGA) - Per Transmission Path or Transmission Path Group	CAD
Service Code Denial on Line or Hunt Group (available with FGA) - Per Transmission Path or Transmission Path Group	SCD
Hunt Group Arrangement (available with FGA) - Per Transmission Path Group	HML/HTG
Uniform Call Distribution Arrangement (available with FGA) - Per Transmission Path Group	HTY UD
Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (available with FGA) - Per Transmission Path	NHN

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 End Office (Cont'd)

(A) Switching (Cont'd)

(1) Local Switching (Cont'd)

(a) Common Switching Nonchargeable Optional Features (Cont'd)

	FID
Automatic Number Identification (available with FGB, FGC and FGD) - Per Transmission Path Group	ANI
Up to 7 Digit Outpulsing of Access Digits to Customer (available with FGB) - Per Transmission Path Group	USDO
Delay Dial Start-Pulsing Signaling (available with FGC) - Per Transmission Path Group	DDSP

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 End Office (Cont'd)

(A) Switching (Cont'd)

(1) Local Switching (Cont'd)

(a) Common Switching Nonchargeable Optional Features (Cont'd)	FID	
Immediate Dial Pulse Address Signaling (available with FGC) - Per Transmission Path Group	ADS	IDP
Dial Pulse Address Signaling (available with FGC) - Per Transmission Path Group	ADS	DP
Service Class Routing (available with FGC and FGD) - Per Transmission Path Group	SCRT	
Alternate Traffic Routing (available with FGC and FGD) - Per Transmission Path Group	ARTG	

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 End Office (Cont'd)

(A) Switching (Cont'd)

(1) Local Switching (Cont'd)

(a) Common Switching Nonchargeable Optional Features (Cont'd)		FID
Trunk Access Limitation Arrangement (available with FGC and FGD)		
- Per End Office		CHOK
Call Gapping Arrangement (available with FGD)		
- Per End Office		CGAP
International Carrier Option (available with FGD)		
- Per End Office and Access Tandem	INCO	
Band Advance Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services (available with Feature Groups A, B, C and D)		
- Per Arrangement		BAAD

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 End Office (Cont'd)

(A) Switching (Cont'd)

(1) Local Switching (Cont'd)

(a) Common Switching Nonchargeable Optional Features (Cont'd)

			FID
End Office End User Line Service Screening for Use with WATS Access Lines (available with FGC and FGD)			
- Per Transmission Path			BAND
Hunt Group Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services (available with Feature Groups A, B, C and D)			
- Per Transmission Path Group	HML/HTG		
Uniform Call Distribution Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services (available with Feature Groups A, B, C and D)			
- Per Transmission Path Group	HTY	UD	
Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service utilized in the provision of WATS or WATS-type Services (available with Feature Groups A, B, C and D)			
- Per Transmission Path			NHN

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 End Office (Cont'd)

(A) Switching (Cont'd)

(1) Local Switching (Cont'd)

(b) Transport Termination Nonchargeable Optional Features

			FID
(i) Line Side Terminations (For FGA)			
Two Way Operation			
- Dial Pulse with Loop Start		NC	+++A
- Dial PUlse with Ground Start	NC	+++E	
- DTMF with Loop Start		NC	+++F
- DTMF with Ground Start	NC	+++G	
Terminating Operation			
- Dial Pulse with Loop Start		NC	+++N
- Dial Pulse with Ground Start	NC	+++P	
- DTMF with Loop Start		NC	+++R
- DTMF with Ground Start	NC	+++S	
Originating Operation			
- Loop Start		NC	+++U
- Ground Start		NC	+++V

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 End Office (Cont'd)

(A) Switching (Cont'd)

(1) Local Switching (Cont'd)

(b) Transport Termination Nonchargeable Optional Features (Cont'd) FID

(ii) Trunk Side Terminations (For FGB, FGC and FGD)

Standard Trunk for Originating, Terminating or Two-Way Operation		TTC SO
(available with FGB, FGC and FGD)	TTC	ST TTC TY
Rotary Dial Station Signaling Trunk (available with FGB)	TTC	RD
Operator Trunk, Coin, Non-Coin or Combined Coin and Non-Coin (available with FGC)	TTC	CO
Operator Trunk, Full Feature Arrangement (available with FGD)	TTC	FF

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 End Office (Cont'd)

(A) Switching (Cont'd)

(2) Line Terminations

(a) Line Side Terminations Nonchargeable Optional Features		FID
Originating Loop Start, Line Side Connection, with DTMF Address Signaling - Per Transmission Path	NC	+++R
Originating Loop Start, Line Side Connection, with Dial Pulse Address Signaling - Per Transmission Path	NC	+++N
Originating Ground Start, Line Side Connection, with DTMF Address Signaling - Per Transmission Path	NC	+++S

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 End Office (Cont'd)

(A) Switching (Cont'd)

(2) Line Terminations (Cont'd)

(a) Line Side Terminations Nonchargeable Optional Features (Cont'd)	FID	
Originating Ground Start, Line Side Connection, with Dial Pulse Address Signaling - Per Transmission Path	NC	+++P
Terminating Loop Start, Line Side Connection - Per Transmission Path	NC	+++U
Terminating Ground Start, Line Side Connection - Per Transmission Path	NC	+++V
(b) Trunk Side Terminations Nonchargeable Optional Features (Cont'd)		
Terminating Trunk Side Connection for Forwarding of Dialed Number Identification to End User - Per Transmission Path	NC	+++T

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 End Office (Cont'd)

(B) Directory Assistance Information Surcharge

	Premium	Transitional
- per 100 Access Minutes	$0.000000	$0.000000

(C) End Office Direct Trunk Port

	USOC	Rate	
- Voice Grade	EODTPV	$ 2.00	(I)
- High Capacity DS-1	EODTPT	$40.30	(I)

(D) End Office Common Trunk Port

- High Capacity DS-1	$.000000

6.8.3 500 and 900 NXX Access Service Translation Optional Feature

	USOC	Nonrecurring Charge Per Order
(A) Per 900 NXX translation for initial or subsequent order to add or change NXX translation codes.	90FT	$114.60
(B) Per 500 NXX translation for initial or subsequent order to add or change NXX translation codes	50FT	$145.83

(TR36)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.4 8XX Data Base Access Service

	Rate per Completed Data Base Query	
Carrier Selection	$.00824	(I)
Vertical Service Features (charge is in addition to Carrier Selection)		
- POTS Translation Charge	$.000000	
- Other Vertical Service Features (charge is in addition to POTS Translation Charge if applicable)	$.000206	(I)

6.8.5 Billing Name and Address

	Rate per Telephone Number Listing Requested	
BNA - $15 per month minimum charge	$.72	(I)

6.8.6 Operator Transfer Service

	Rate
Per Call Transferred	$.393766

6.8.7 Marketing Expense

Premium Access	
- Originating Per Access Minute	$.000000
- Terminating Per Access Minute	$.000000
Non-Premium Access	
- Originating Per Access Minute	$.000000
- Terminating Per Access Minute	$.000000

(TR36)